6/7/04

SCITECH

File 2:INSPEC 1969-2004/May W5
(c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/Jun W1
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2004/May W5
(c) 2004 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2004/May W5
(c) 2004 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2004/May
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Jun W1
(c) 2004 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2004/May W2
(c)2004 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2004/May W4
(c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Apr
(c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2004/May W5
(c) 2004 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Jun 04
(c) 2004 ProQuest Info&Learning
File 248:PIRA 1975-2004/May W4
(c) 2004 Pira International

Set	Items	Description
S1	520	(COLOR? OR COLOUR?)(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?)(-3N)DISPLAY?
S2	189665	ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL
S3	134019	PIXEL? OR PEL OR PICTURE()ELEMENT?
S4	10124	RGB OR RED()GREEN()BLUE OR RBG OR RED()BLUE()GREEN
S5	79	(CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?) AND -S4 AND (MONOCHROME? OR MONO()CHROME?)
S6	1369391	EFFICIEN? AND (COMPAR? OR EVALUAT? OR ASSES? OR DETERMIN? -OR CALCULAT? OR DETECT? OR ANAL?)
S7	323871	S6 AND (DIFFERENT OR EACH OR EVERY)
S8	199973	(POWER OR ENERGY)(3N)(CONSERV? OR SAVE OR SAVING OR LESS OR LESSEN OR LEAST)
S9	10	AU=(SIWINSKI, M? OR SIWINSKI M?)
S10	2	(S1 OR S2) AND S5
S11	1	RD S10 (unique items)
S12	4	S5 AND S8
S13	4	S12 NOT S11
S14	0	S13 AND PY=2002:2004
S15	4	RD S13 (unique items)
S16	5	S7 AND S5
S17	3	S16 NOT (S10 OR S12)
S18	1	RD S17 (unique items)

S19 7278 (S4 OR COLOR? OR COLOUR?) AND S7
S20 50 S19 AND S8
S21 1 S20 AND (CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?) AND (MONOCHROME? OR MONO()CHROME?)
S22 1 S21 NOT (S17 OR S10 OR S12)
S23 3 S9 AND (S1 OR S2)
S24 3 S23 NOT (S21 OR S17 OR S10 OR S12)
S25 3 RD S24 (unique items)

11/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06322883 E.I. No: EIP03117392380
Title: Multi-colour organic light-emitting displays by solution processing
Author: Muller, C. David; Falcou, Aurelie; Reckefuss, Nina; Rojahn, Markus; Wiederhirn, Valerie; Rudati, Paula; Frohne, Holger; Nuyken, Oskar; Becker, Heinrich; Meerholz, Klaus
Corporate Source: Department Chemie Universitat Munchen, 81377 Munchen, Germany
Source: Nature v 421 n 6925 Feb 20 2003. p 829-833
Publication Year: 2003
CODEN: NATUAS ISSN: 0028-0836
Language: English

...Abstract: quality self-emissive displays for portable devices such as cellular phones and personal organizers. Although **monochrome** operation is sufficient for some applications, the extension to multi-colour devices - such as **RGB** (**red** , **green** , **blue**) matrix displays - could greatly enhance their technological impact. Multi-colour OLEDs have been successfully fabricated...

...resolution patterning techniques required to produce a pixelated display. Recent attempts have focused on the **modification** of standard printing techniques, such as screen printing and ink jetting, but those still have...

...pixelated matrix displays. Consecutive deposition of polymers that are luminescent in each of the three **RGB** colours yielded a device with efficiencies comparable to state-of-the-art OLEDs and even...
Identifiers: Organic light emitting diodes (**OLED**)

15/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6114580 INSPEC Abstract Number: B9902-6430-001
Title: A 200-mW, 3.3-V, CMOS color camera IC producing 352*288 24-b video at 30 frames/s
Author(s): Loinaz, M.J.; Singh, K.J.; Blanksby, A.J.; Inglis, D.A.; Azadet, K.; Ackland, B.D.

Author Affiliation: DSP & VLSI Syst. Res. Dept., AT&T Bell Labs., Holmdel, NJ, USA
Journal: IEEE Journal of Solid-State Circuits vol.33, no.12 p. 2092-103
Publisher: IEEE,
Publication Date: Dec. 1998 Country of Publication: USA
CODEN: IJSCBC ISSN: 0018-9200
SICI: 0018-9200(199812)33:12L.2092:CCCP;1-P
Material Identity Number: I022-98013
U.S. Copyright Clearance Center Code: 0018-9200/98/$10.00
Language: English
Subfile: B

...Abstract: column multiplexer, a switched-capacitor programmable-gain amplifier, and an 8-b flash analog/digital **converter** together with digital circuits performing color interpolation, color correction, computation of image statistics, and control functions. The 105-mm/sup 2/ chip produces 24-b **RGB** video at 30 frames/s. The sensor array achieves a **conversion** gain of 40 mu V/electron and a **monochrome** sensitivity of 7 V/lux.s. For a 33-ms exposure time, the camera chip...

... is shown to be data independent and therefore has no effect on image quality. Total **power** dissipation is **less** than 200 mW from a 3.3 V supply.
...Identifiers: flash analog/digital **converter** ; ...

... **RGB** video

15/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05233085 E.I. No: EIP99020019715
Title: 200-mW, 3.3-V, CMOS color camera IC producing 352 multiplied by 288 24-b video at 30 frames/s
Author: Loinaz, Marc J.; Singh, Kanwar Jit; Blanksby, Andrew J.; Inglis, David A.; Azadet, Kamran; Ackland, Bryan D.
Corporate Source: Bell Lab, Holmdel, NJ, USA
Source: IEEE Journal of Solid-State Circuits v 33 n 12 Dec 1998. p 2092-2103
Publication Year: 1998
CODEN: IJSCBC ISSN: 0018-9200
Language: English

...Abstract: column multiplexer, a switched-capacitor programmable-gain amplifier, and an 8-b flash analog/digital **converter** together with digital circuits performing color interpolation, color correction, computation of image statistics, and control functions. The 105-mm**2 chip produces 24-b **RGB** video at 30 frames/s. The sensor array achieves a **conversion** gain of 40 mu V/electron and a **monochrome** sensitivity of 7 V/lux center dot s. For a 33-ms exposure time, the...

...is shown to be data independent and therefore has no effect on image quality. Total **power** dissipation is **less** than 200 mW from a 3.3-V

supply. (Author abstract) 21 Refs.
Descriptors: CMOS integrated circuits; Video cameras; Image sensors; Analog to digital **conversion** ; Charge coupled devices; Algorithms

15/3,K/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

07272607 Genuine Article#: 144DH No. References: 21
Title: A 200-mW, 3.3-V, CMOS color camera IC producing 352x288 24-b video at 30 frames/s
Author(s): Loinaz MJ (REPRINT) ; Singh KJ; Blanksby AJ; Inglis DA; Azadet K ; Ackland BD
Corporate Source: AT&T BELL LABS,DSP & VLSI SYST RES DEPT, LUCENT TECHNOL, CRAWFORDS CORNER RD/HOLMDEL//NJ/07733 (REPRINT); UNIV ADELAIDE,DEPT ELECT & ELECT ENGN/ADELAIDE/SA 5005/AUSTRALIA/
Journal: IEEE JOURNAL OF SOLID-STATE CIRCUITS, 1998, V33, N12 (DEC), P 2092-2103
ISSN: 0018-9200 Publication date: 19981200
Publisher: IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 345 E 47TH ST, NEW YORK, NY 10017-2394
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: column multiplexer, a switched-capacitor programmable-gain amplifier, and an 8-b flash analog/digital **converter** together with digital circuits performing color interpolation, color correction, computation of image statistics, and control functions, The 105-mm(2) chip produces 24-b **RGB** Video at 30 frames/s, The sensor array achieves a **conversion** gain of 40 mu V/electron and a **monochrome** sensitivity of 7 V/lux.s. For a 33-ms exposure time, the camera chip...

...is shown to be data independent and therefore has no effect on image quality, Total **power** dissipation is **less** than 200 mW from a 3.3-V supply.

15/3,K/4 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

14130413 PASCAL No.: 99-0326556
200-mW, 3.3-V, CMOS color camera IC producing 352 x 288 24-b video at 30 frames/s
LOINAZ M J; SINGH K J; BLANKSBY A J; INGLIS D A; AZADET K; ACKLAND B D
Bell Lab, Holmdel NJ, United States
Journal: IEEE Journal of Solid-State Circuits, 1998, 33 (12) 2092-2103
Language: English

... column multiplexer, a switched-capacitor programmable-gain amplifier, and an 8-b flash analog/digital **converter** together with digital circuits performing color interpolation, color correction, computation of image statistics, and control functions. The 105-mm2 chip produces 24-b **RGB** video at 30 frames/s. The sensor array achieves a **conversion** gain of 40 mu V/electron and a **monochrome** sensitivity of 7 V/luxs. For a 33-ms exposure time, the camera chip achieves...

... is shown to be data independent and therefore has no effect on image quality. Total **power** dissipation is **less** than 200 mW from a 3.3-V supply.

...English Descriptors: pixel sensor; Mixed analog digital integrated circuit; Application; Video cameras; Image sensors; Analog to digital **conversion** ; Charge coupled devices; Algorithms; CMOS integrated circuits ; Theory; Experiments

French Descriptors: Application; Camera television; Detecteur image; **Conversion** analogique numerique; Dispositif couplage charge; Algorithme; Circuit integre CMOS; Theorie; Experience

18/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7601833 INSPEC Abstract Number: B2003-06-7260B-004
Title: Multi-colour organic light-emitting displays by solution processing
Author(s): Muller, C.D.; Falcou, A.; Reckefuss, N.; Rojahn, M.; Wiederhirn, V.; Rudati, P.; Frohne, H.; Nuyken, O.; Becker, H.; Meerholz, M.
Author Affiliation: Dept. Chem., Munchen Univ., Germany
Journal: Nature vol.421, no.6925 p.829-33
Publisher: Nature Publishing Group,
Publication Date: 20 Feb. 2003 Country of Publication: UK
CODEN: NATUAS ISSN: 0028-0836
SICI: 0028-0836(20030220)421:6925L.829:MCOL;1-A
Material Identity Number: N003-2003-008
U.S. Copyright Clearance Center Code: 0028-0836/03/$12.00+2.00
Language: English
Subfile: B

...Abstract: quality self-emissive displays for portable devices such as cellular phones and personal organizers. Although **monochrome** operation is sufficient for some applications, the extension to multi-colour devices - such as **RGB** (**red** , **green** , **blue**) matrix displays - could greatly enhance their technological impact. Multi-colour OLEDs have been successfully fabricated...

... resolution patterning techniques required to produce a pixelated display. Recent attempts have focused on the **modification** of standard printing techniques, such as screen printing and ink jetting, but those still have...

... is sufficient to fabricate pixelated matrix displays. Consecutive deposition of polymers that are luminescent in **each** of the three **RGB** colours yielded a device with **efficiencies** **comparable** to state-of-the-art OLEDs and even slightly reduced onset voltages.

22/3,K/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

03555431 Genuine Article#: PM767 No. References: 0
Title: ELECTRONIC DISPLAY TECHNOLOGIES - STATE-OF-THE-ART
Author(s): BOWONDER B; SARNOT SL; RAO MS; RAO DP
Corporate Source: ADM STAFF COLL INDIA/HYDERABAD//INDIA/
Journal: ELECTRONICS INFORMATION & PLANNING, 1994, V21, N12 (SEP), P683-746
ISSN: 0304-9876
Language: ENGLISH Document Type: REVIEW (Abstract Available) (NO REFS KEYED)

...Abstract: the year 2000. The LCD devices are likely have a higher volume of the market compared to the CRT beyond 1996. In the global display market the large Japanese firms dominate in all the segments of displays. Due to special features of **each** displays, **each** of them cater to a niche market apart from generalized applications.

CRT displays are the...

...and the most versatile. They are cheap and can display finely shaded pictures both in **monochrome** and **colour** . The excellent picture quality combined with cost effectiveness makes it the most widely used display...
...improve its performance and reduce its costs. Since it is bulky and power intensive many **alternate** type of displays have emerged for satisfying the user requirements such as portability, low power...

...the electro-optical effect. A decade ago LCDs were mostly used in digital watches and **calculators** . But today, technological advances have made LCDs slimmer, lighter and more energy **efficient** and even complex multicoloured images can be depicted with near perfect clarity on active matrix...

...the major drawback of ELD is its high cost and the inability to produce multiple **colours** .

Another type of flat panel display which is undergoing rapid technological changes is the vacuum...

...is a multicolour display with high reliability, excellent visibility and wide viewing angle. It consumes **less power** when **compared** to other displays. But the major drawbacks are its limited resolution and high cost. VFDs...

...principle of semiconductor diode technology. These displays are thin and compact sized and produce homogeneous **colours** which makes **colour** distinction easy. LEDs have highest luminescence among the various types of displays. The power consumption...the High definition Television (HDTV). This display has an increased resolution and wider aspect ratio, **compared** to the conventional display. These are also used in presentation theaters and image publications. Many...

25/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7316148 INSPEC Abstract Number: B2002-08-7260D-009
Title: Optical characterization of OLED **displays with touch screens**

Author(s): Cropper, A.D.; Feldman, R.D.; **Siwinski, M.** ; Kilmer, K.
Author Affiliation: Eastman Kodak Co., Rochester, NY, USA
Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.4464 p.344-51
Publisher: SPIE-Int. Soc. Opt. Eng,
Publication Date: 2002 Country of Publication: USA
CODEN: PSISDG ISSN: 0277-786X
SICI: 0277-786X(2002)4464L.344:OCOD;1-2
Material Identity Number: C574-2002-155
U.S. Copyright Clearance Center Code: 0277-786X/02/$15.00
Conference Title: Organic Light-Emitting Materials and Devices V
Conference Sponsor: SPIE
Conference Date: 30 July-1 Aug. 2001 Conference Location: San Diego, CA, USA
Language: English
Subfile: B
Copyright 2002, IEE
Title: Optical characterization of OLED **displays with touch screens**
Author(s): Cropper, A.D.; Feldman, R.D.; **Siwinski, M.** ; Kilmer, K.
...Abstract: a thin aspect ratio are all well understood physical characteristics of organic fight emitting diode (**OLED**) displays, an up-and-coming flat panel displays. Increasing numbers of applications of flat panel...

... describe the optical characteristics of mating a touch screen with a full-color active matrix **OLED** display. We will quantify the **OLED** optical properties with respect to touch screens with matte finishes and anti-reflective topcoats, and...
Identifiers: **OLED** displays with touch screens...

...full-color active matrix **OLED** display

25/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06172678 E.I. No: EIP02437155864
Title: Optical characterization of OLED **displays with touch screens**
Author: Feldman, Rodney D.; **Siwinski, Michael** ; Kilmer, Kathleen; Cropper, A.D.
Corporate Source: Eastman Kodak Company, Rochester, NY 14650-1821, United States
Conference Title: Organic Light-Emitting Materials and Devices V
Conference Location: San Diego,CA, United States Conference Date: 20010730-20010801
E.I. Conference No.: 59972
Source: Proceedings of SPIE - The International Society for Optical Engineering v 4464 2002. p 344-351
Publication Year: 2002
CODEN: PSISDG ISSN: 0277-786X
Language: English

Title: Optical characterization of OLED **displays with touch screens**
Author: Feldman, Rodney D.; **Siwinski, Michael** ; Kilmer, Kathleen;

Cropper, A.D.
...Abstract: a thin aspect ratio are all well understood physical characteristics of organic light emitting diode (**OLED**) displays, an up-and-coming flat panel displays. Increasing numbers of applications of flat panel...

...describe the optical characteristics of mating a touch screen with a full-color active matrix **OLED** display. We will quantify the **OLED** optical properties with respect to touch screens with matte finishes and anti-reflective topcoats, and...

25/3,K/3 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2004 BLDSC all rts. reserv. All rts. reserv.

04133739 INSIDE CONFERENCE ITEM ID: CN043405007
Optical characterization of OLED **displays with touch screens (4464-58)**
Cropper, A. D.; Feldman, R. D.; **Siwinski, M.** ; Kilmer, K.
CONFERENCE: Organic light-emitting materials and devices-Conference; 5th
PROCEEDINGS-SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 2002
; VOL 4464 P: 344-351
SPIE, 2002
ISSN: 0277-786X ISBN: 0819441783
LANGUAGE: English DOCUMENT TYPE: Conference Selected papers
CONFERENCE EDITOR(S): Kafafi, Z.
CONFERENCE SPONSOR: International Society for Optical Engineering
CONFERENCE LOCATION: San Diego, CA 2001; Jul (200107) (200107)

Optical characterization of OLED **displays with touch screens (4464-58)**
Cropper, A. D.; Feldman, R. D.; **Siwinski, M.** ; Kilmer, K.
?

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/May
(c)2004 Info.Sources Inc

Set	Items	Description
S1	0	(COLOR? OR COLOUR?)(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?)(-3N)DISPLAY?
S2	49	ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL
S3	648	PIXEL? OR PEL OR PICTURE()ELEMENT?
S4	209	RGB OR RED()GREEN()BLUE OR RBG OR RED()BLUE()GREEN
S5	1	(CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?) AND - S4 AND (MONOCHROME? OR MONO()CHROME?)
S6	1480	EFFICIEN? AND (COMPAR? OR EVALUAT? OR ASSES? OR DETERMIN? - OR CALCULAT? OR DETECT? OR ANAL?)
S7	362	S6 AND (DIFFERENT OR EACH OR EVERY)
S8	106	(POWER OR ENERGY)(3N)(CONSERV? OR SAVE OR SAVING OR LESS OR LESSEN OR LEAST)
S9	0	AU=(SIWINSKI, M? OR SIWINSKI M?)

S10 1 S2 AND S6
S11 1 S10 NOT S5
S12 1 (ELECTROLUMIN? OR ELECTRO()LUMIN?)(3N)DISPLAY?
S13 1 S12 NOT (S10 OR S5)
S14 0 S7 AND S4
S15 0 S4 AND S8

5/3,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00140137 DOCUMENT TYPE: Review

PRODUCT NAMES: Adobe Photoshop (213756)

TITLE: A Head for Bit-mapping: Chris Bausch Realizes a Dream--In Digital
AUTHOR: Scheck, Susan
SOURCE: Digital Imaging, p14(3) Jun/Jul 2002
ISSN: 1084-5119
HOMEPAGE: http://www.digitalimaging.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20021030

...scanned in an Imacon Flextight Precision 2 and were imported to Photoshop 7.0 as **RGB** files. The image was first created in Live Picture, but was then recreated in Photoshop for 'Digital Imaging' because Photoshop is more widely used today. The face shot was **converted** to black and white using Image/ **Adjust** Channel Mixer, and then **monochrome** was used to make the red channel +90 and the green +12, which keeps the image as **RGB** . The map shot was opened and dragged atop the face image. Also described

11/3,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00147222 DOCUMENT TYPE: Review

PRODUCT NAMES: OLED **(Organic Light Emitting Diodes) (849251**

TITLE: The OLED **Technology Platform: Strengthening the Promise**
AUTHOR: Mahon, Janice K
SOURCE: Advanced Imaging, v18 n6 p28(3) Jun 2003
ISSN: 1042-0711
HOMEPAGE: http://www.advancedimagingmag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

PRODUCT NAMES: OLED **(Organic Light Emitting Diodes...**

TITLE: The OLED **Technology Platform: Strengthening the Promise**

...for advanced imaging applications. OLEDs provide vibrant color, responsiveness, and wide viewing angels, especially when **compared** to liquid crystal displays. **OLED** technology could be built on glass and also on lighter, more durable plastic. Manufacturing costs...

...with display conformability and flexibility. Sony has demonstrated a 13-inch SVGA AMOLED (active matrix **OLED**), and Samsung, Toshiba, and IDTech also have models. Advances in power **efficiency** could also give OLEDs a distinct advantage over LCD. The most basic **OLED** has a series of thin films that are deposited between two electrical contacts. Recent technology advances, including an inventive class of materials that provide much higher power **efficiencies** than traditional small molecule and polymer OLEDS, have gotten the attention of the flat- panel...

...The new class of OLEDs, which are called phosphorescent OLEDs or PHOLEDs, has shown power **efficiencies** up to 400 percent higher than thought possible in the past. Among topics covered are...

...instance, Universal Display, with Princeton, USC, and PPG Industries, is developing the next generation of **OLED** technology with PHOLED materials, which provide the highest **efficiencies** at competitive operating lifespans.

13/3,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00141228 DOCUMENT TYPE: Review

PRODUCT NAMES: OLED (Organic Light Emitting Diodes) (849251)

TITLE: Display technology worth watching: Organic light emitting displays...
AUTHOR: Harbert, Tam
SOURCE: Electronic Business, v28 n9 p32(1) Sep 2002
ISSN: 0163-6197
HOMEPAGE: http://www.eb-mag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating
REVISION DATE: 20030228
...and coming product, because they need only between 5 and 10 volts, while plasma or **electroluminescent displays** require hundreds of volts. OLEDs are also built from organic material that can be ink...

PATENT FILES – BIB

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200435
(c) 2004 Thomson Derwent

Set Items Description
S1 563 (COLOR? OR COLOUR?)(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?)(-3N)DISPLAY?
S2 27678 ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL
S3 144085 PIXEL? OR PEL OR PICTURE()ELEMENT?
S4 10226 RGB OR RED()GREEN()BLUE OR RBG OR RED()BLUE()GREEN
S5 113 (CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?) AND -S4 AND (MONOCHROME? OR MONO()CHROME?)
S6 225578 EFFICIEN? AND (COMPAR? OR EVALUAT? OR ASSES? OR DETERMIN? -OR CALCULAT? OR DETECT? OR ANAL?)
S7 59777 S6 AND (DIFFERENT OR EACH OR EVERY)
S8 82609 (POWER OR ENERGY)(3N)(CONSERV? OR SAVE OR SAVING OR LESS OR LESSEN OR LEAST)
S9 15 AU=(SIWINSKI, M? OR SIWINSKI M?)
S10 139270 IC=G09G?
S11 2 S9 AND S2
S12 369 S1 AND S2
S13 0 S12 AND S5
S14 8 S12 AND (MONOCHROME OR MONO()CHROME)
S15 6 S14 NOT S11
S16 5 S15 AND AD=20010605:20040607/PR
S17 1 S15 NOT S16
S18 1309 (S4 OR COLOR? OR COLOUR?) AND (CONVERT? OR CONVERS? OR MOD-IF? OR ALTER? OR ADJUST?) AND (MONOCHROME? OR MONO()CHROME?)
S19 39423 ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL OR ELECTROLUMIN?
S20 15 S18 AND S19
S21 11 S20 NOT (S9 OR S11 OR S14)
S22 3 S21 AND AD=20010605:20040607/PR
S23 8 S21 NOT S22
S24 8 IDPAT (sorted in duplicate/non-duplicate order)
S25 8 IDPAT (primary/non-duplicate records only)
S26 2 (S1 OR S2) AND S3 AND S4 AND S6
S27 2 S26 NOT (S20 OR S9 OR S11 OR S14)
S28 2172 S6 AND S7 AND (S4 OR COLOR? OR COLOUR?)
S29 13 S28 AND S8
S30 0 S29 AND S2
S31 0 S29 AND S10
S32 13 S29 NOT (S26 OR S20 OR S9 OR S11 OR S14)
S33 2 S32 AND AD=20010605:20040607/PR
S34 11 S32 NOT S33

11/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015394033 **Image available**
WPI Acc No: 2003-456174/200343
XRPX Acc No: N03-362752
Power saving method for color organic electroluminescent **display of personal computer, involves converting color digital image into monochrome image using color of specific elements**
Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: **SIWINSKI M J**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20020180723 A1 20021205 US 2001874147 A 20010605 200343 B

Priority Applications (No Type Date): US 2001874147 A 20010605
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20020180723 A1 5 G09G-005/00

Power saving method for color organic electroluminescent **display of personal computer, involves converting color digital image into monochrome image using color of...**
Inventor: **SIWINSKI M J**

Abstract (Basic):
... An INDEPENDENT CLAIM is included for color **organic electroluminescent** display...

...For saving power in color **organic electroluminescent** display panel used in electronic device such as personal computer (PC), personal digital assistant (PDA...

11/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015267764 **Image available**
WPI Acc No: 2003-328693/200331
XRPX Acc No: N03-262872
Color organic electroluminescent **display power saving method for personal computer, involves converting color digital image into monochrome image which is displayed using white light emitting elements of display**
Patent Assignee: EASTMAN KODAK CO (EAST)
Inventor: **SIWINSKI M J**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20020186214 A1 20021212 US 2001874128 A 20010605 200331 B

Priority Applications (No Type Date): US 2001874128 A 20010605
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20020186214 A1 6 G09G-005/00

Color organic electroluminescent **display power saving method for**

personal computer, involves converting color digital image into monochrome image...
Inventor: **SIWINSKI M J**

Abstract (Basic):
... An INDEPENDENT CLAIM is included for color **organic electroluminescent** display...

...For saving power in color **organic electroluminescent** flat panel display (claimed) such as organic light emitting diodes (OLEDs) used in personal computer...

17/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011146547 **Image available**
WPI Acc No: 1997-124471/199712
XRAM Acc No: C97-039911
XRPX Acc No: N97-102724
End face light emitting type organic **thin film** electroluminescent **cell for** colour , monochrome display **- in which reflecting metal layer is formed on whole periphery of small repeller through moisture prevention layer except at one of its end face**
Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 9007762 A 19970110 JP 95172775 A 19950615 199712 B

Priority Applications (No Type Date): JP 95172775 A 19950615
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 9007762 A 5 H05B-033/00

End face light emitting type organic **thin film** electroluminescent **cell for** colour , monochrome display -
...Title Terms: **MONOCHROME** ;
25/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014998366 **Image available**
WPI Acc No: 2003-058881/200305
XRPX Acc No: N03-045557
Electroluminescent **device with at least two** electroluminescent **elements arranged on a substrate for use in** monochrome **and** colour **displays, includes a partitioning relief pattern with ribs of an insulating material**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); CAMPS I G J (CAMP-I); DE KONING J P M (DKON-I); DUINEVELD P C (DUIN-I); LIEDENBAUM C T H F (LIED-I)
Inventor: CAMPS I G J; DE KONING J P M; DUINEVELD P C; LIEDENBAUM C T H F
Number of Countries: 024 Number of Patents: 006
Patent Family:
Patent No Kind Date Applicat No Kind Date Week

WO 200289211 A1 20021107 WO 2002IB1447 A 20020422 200305 B
US 20030011304 A1 20030116 US 2002128863 A 20020424 200308
US 6583584 B2 20030624 US 2002128863 A 20020424 200343
EP 1386359 A1 20040204 EP 2002766671 A 20020422 200410
WO 2002IB1447 A 20020422
CN 1462477 A 20031217 CN 2002801396 A 20020422 200420
KR 2003097625 A 20031231 KR 2002717423 A 20021220 200427

Priority Applications (No Type Date): EP 2001201520 A 20010426
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200289211 A1 E 20 H01L-027/00
Designated States (National): CN JP KR
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
US 20030011304 A1 B05D-005/12
US 6583584 B2 G09G-003/10
EP 1386359 A1 E H01L-027/00 Based on patent WO 200289211
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
CN 1462477 A H01L-027/00
KR 2003097625 A H05B-033/10

Electroluminescent **device with at least two** electroluminescent **elements arranged on a substrate for use in** monochrome **and** colour **displays, includes a partitioning relief pattern with ribs of an insulating material**

Abstract (Basic):
... An **electroluminescent** device has at least two **electroluminescent** elements on a substrate (1) arranged to a desired pattern, each element comprising two electrode layers with an **electroluminescent** layer from a liquid layer (6) between. A partitioning relief pattern including partitioning ribs (4...
... An INDEPENDENT CLAIM is included for a method of manufacturing an **electroluminescent** device...

...In **monochrome** and **colour** displays...

...Risk of mixing liquid layers between adjacent **electroluminescent** elements is reduced, elements may have a thicker and more uniform **electroluminescent** layer, performance of employing multi-nozzle heads during manufacture is improved...

...a cross sectional view of the display after each pixel has been filled with an **electroluminescent** liquid layer but before **converting** the layer into an **electroluminescent** layer...
Title Terms: **ELECTROLUMINESCENT** ;

25/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013131398 **Image available**
WPI Acc No: 2000-303269/200026

XRAM Acc No: C00-091941
XRPX Acc No: N00-226628
Pixel element for an organic light emitting diode display device has a color conversion matrix element to convert the wavelength of a monochrome light emitted by an organic light emitting diode matrix
Patent Assignee: FED CORP (FEDF-N); EMAGIN CORP (EMAG-N)
Inventor: CAMPOS R A; SOKOLIK I
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200017903	A2	20000330	WO 99US21937	A	19990922	200026 B
EP 1042775	A2	20001011	EP 99948383	A	19990922	200052
			WO 99US21937	A	19990922	
US 6608439	B1	20030819	US 98101412	P	19980922	200356
			WO 99US21937	A	19990922	
			US 2000530604	A	20000503	

Priority Applications (No Type Date): US 98101412 P 19980922; US 2000530604 A 20000503
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200017903	A2	E	25	H01J-000/00	
Designated States (National): US					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 1042775	A2	E		H01J-001/64	Based on patent WO 200017903
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6608439	B1			H05B-033/00	Provisional application US 98101412 Based on patent WO 200017903

Pixel element for an organic light emitting diode display device has a color conversion matrix element to convert the wavelength of a monochrome light emitted by an organic light emitting diode matrix

Abstract (Basic):
... A pixel element for an organic light emitting diode (**OLED**) display device is provided with a **color conversion** matrix element to **convert** the wavelength of a **monochrome** light emitted by an **OLED** matrix. The **color conversion** matrix element absorbs the **monochrome** light emitted from the **OLED** matrix and re-emits the visible light at different wavelengths.
... c) an addressable two-dimensional organic light emitting diode matrix that emits **monochrome** light...

...d) a **color conversion** matrix element (110) to **convert** the wavelength of the **monochrome** light; and...

...e) a cover element (130) to protect the **color conversion** matrix element and the organic light emitting diode matrix against physical, chemical or thermal damage...

...The **color** conversion matrix element absorbs the **monochrome** light emitted from the organic light emitting diode matrix and re-emits the visible light...

...i) a **color** display device to provide an image utilizing light emitted from a pixel element(s); and...

...ii) a method of fabricating an integrated organic light emitting diode **color** display device...

...For use in an organic light emitting diode (**OLED**) display device...
...The **OLED** structure provides superior **color** displays at maximum efficiency all in a miniature environment. It provides more effective means of **color conversion** of emitted light. It is economically manufactured by a scalable synthetic process that allows manufacturing ...

...The figure shows a cross-section of a single pixel element for a down-emitting **OLED** display device...

... **color conversion** matrix element (110
Technology Focus:
... Preferred Component: The blue **color converting** sub-element includes a transparent organic binding material (150) without semiconductor nanocrystals.
Extension Abstract:
... In an EMBODIMENT of the device, the **color conversion** matrix is provided with two-dimensional array of **color conversion** elements. The **color conversion** element comprises red, green and blue **color converting** sub-elements (111, 112, 113). The **color conversion** matrix element also includes a number of semiconductor nanocrystals which are uniformly dispersed in a transparent organic binding material. The **color** of the visible light re-emitted by the **color conversion** matrix element can be tuned by **altering** the size of the semiconductor nanocrystals. The size distribution of the nanocrystals are controlled to define the capability of the **color conversion** to a particular wavelength of re-emitted light. The blue **color converting** sub-element also includes an optical filter (160) capable of spectrum correction without semiconductor nanocrystals.
...Title Terms: **COLOUR** ;

25/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013019856 **Image available**
WPI Acc No: 2000-191707/200017
XRPX Acc No: N00-142842
Lamination structure of RGB light emission type panel for light emitting diode, has electroluminescence whose plane of polarization and transition moment of fluorescent material are in identical direction
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2000036387 A 20000202 JP 98201576 A 1998071 200017 B

Priority Applications (No Type Date): JP 98201576 A 19980716
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000036387 A 11 H05B-033/12

Lamination structure of RGB **light emission type panel for light emitting diode, has** electroluminescence **whose plane of polarization and transition moment of fluorescent material are in identical direction**

...Abstract (Basic): NOVELTY - Luminescent fluorescent organic layer is formed by **monochrome** fluorescent material whose orientation on transparent substrate is controlled by fluorescent **conversion** organic layer with pixel. The plane of polarization of **electroluminescence** and transition moment of **monochrome** fluorescent material are in same direction. DETAILED DESCRIPTION - The organic light emission panel (1-3) performs **electroluminescence** of voltage by forming strip-like transparent anode on transparent substrate with cathodes (4-6...

...ADVANTAGE - Since plane of polarization of **electroluminescence** and transition moment of fluorescent material are in identical direction, fluorescent natured molecule of **color** do not blend, thus **color** purity correction and **RGB** balance correction of each **color** produced independently can be effected easily. DESCRIPTION OF DRAWING(S) - The figure shows the laminated structure of **RGB** light emission type panel. (1-3) Light emission panel; (4-6) Cathodes...
...Title Terms: **RGB** ;

25/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012874784 **Image available**
WPI Acc No: 2000-046617/200004
XRPX Acc No: N00-036192

Image data processor in display device such as PDP display device, LCD display device - includes processing units which perform specific color **process and** monochrome **process respectively**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 11308635 A 19991105 JP 98111672 A 19980422 200004 B

Priority Applications (No Type Date): JP 98111672 A 19980422
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 11308635 A 10 H04N-009/73

... includes processing units which perform specific color **process and** monochrome **process respectively**

...Abstract (Basic): NOVELTY - A separation unit (1) separates image data into chromatic **color** data and achromatic **color** data per pixel data. The achromatic **color** data and the monochromatic **color** data are processed by respective processing units (2,3). The processed data and output of...

...For image data processing in display device such as PDP display device,

LCD display device, **EL** display device and field emission display device...

...is realizable using small scale circuit. The white balance variation is eliminated using white balance **adjustment** unit between gradation compensation unit and display control unit. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram showing display unit. (1) Separation unit; (2) **Monochrome** process unit; (3) **Color** process unit; (4) Addition unit...
...Title Terms: **MONOCHROME** ;

25/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012745478 **Image available**
WPI Acc No: 1999-551595/199946
XRAM Acc No: C99-161096
XRPX Acc No: N99-408145
Manufacture of organic electroluminescent **display device used in simple matrix driving force**
Patent Assignee: MINNESOTA MINING & MFG CO (MINN); SEIKO EPSON CORP (SHIH)
Inventor: KIGUCHI H; KOBAYASHI H; SHIMODA T
Number of Countries: 020 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9946961	A1	19990916	WO 99JP1132	A	19990309	199946 B
JP 11260549	A	19990924	JP 9857214	A	19980309	199951
EP 1003354	A1	20000524	EP 99939247	A	19990309	200030
			WO 99JP1132	A	19990309	

Priority Applications (No Type Date): JP 9857214 A 19980309
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9946961	A1	J	33	H05B-033/10	
	Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
JP 11260549	A		9	H05B-033/10	
EP 1003354	A1	E		H05B-033/10	Based on patent WO 9946961
	Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				

Manufacture of organic electroluminescent **display device used in simple matrix driving force**

Abstract (Basic):
... In the manufacture of the **organic electroluminescent** display device the multilayer is transferred to the substrate by an irradiating laser from the...
... Manufacture of an **organic electroluminescent** display device is used in simple matrix driving force. The manufacture comprises forming a light-heat **conversion** layer and heat transmission layer on the film, forming a cathode layer, repeatedly forming light...

...Used as **organic electroluminescent** display device for middle or large capacity **monochrome** or **color** displays or view finders of camcorders and digital cameras...

...Light-Heat **Conversion** Layer (2...
...Title Terms: **ELECTROLUMINESCENT** ;

25/3,K/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012160911 **Image available**
WPI Acc No: 1998-577823/199849
XRPX Acc No: N98-450579
Image quality evaluation method used in production line of colour **display - involves calculating absolute value of vector from chromaticity difference of pixel in entire screen of** colour **display**
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 10260109 A 19980929 JP 9763346 A 19970317 199849 B

Priority Applications (No Type Date): JP 9763346 A 19970317
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 10260109 A 19 G01M-011/00

Image quality evaluation method used in production line of colour **display...**

...involves calculating absolute value of vector from chromaticity difference of pixel in entire screen of colour **display**

...Abstract (Basic): The method involves obtaining the **RGB** signal for every pixel from the **monochrome** screen specifications displayed on a **colour** display (1) using an image pick up element (4). The sensitivity difference of every light receiving elements of **RGB** signal of the image pick-up element are corrected...

...After correcting **RGB** signals, they are **converted** to a **colourimetric** system and the chromaticity difference of a pixel with other pixels of the entire screen...

...the vector of chromaticity difference is calculated, based on which the image quality of the **colour** display is evaluated...

...USE - For e.g. CRT, LCD, plasma display, **EL** display...
...Title Terms: **COLOUR** ;

25/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO

06857652 **Image available**
DISPLAY DEVICE

PUB. NO.: 2001-085154 [JP 2001085154 A]
PUBLISHED: March 30, 2001 (20010330)
INVENTOR(s): KANEKO TAKAHISA
KAMEYAMA SHOGO
MATSUMOTO NAOKI
APPLICANT(s): DENSO CORP
APPL. NO.: 11-262302 [JP 99262302]
FILED: September 16, 1999 (19990916)

ABSTRACT

PROBLEM TO BE SOLVED: To enhance the display performance of a display device having **EL** elements.

SOLUTION: A transparent **EL** panel 9 and a surface light emission element 17 are provided on the display portion...

... and polarizing films 18 are affixed to the front and back faces of the transparent **EL** panel 9 with their polarizing directions parallel to each other. Rotating polarizing filters 11 are disposed on the front and back faces of the transparent **EL** panel 9. Each rotating polarizing filter 11 is rotated and displaced by a varying means...

... rotating and displacing the rotating polarizing filter 11 on the back face of the transparent **EL** panel 9, a display with a certain tone ranging from the composite **colors** (white) of the transparent **EL** panel 9 and the surface light emission element 17 to the **monochrome** (orange) of the transparent **EL** panel 9 can be provided. The brightness of the display device 25 can be continuously **adjusted** by varying the rotating angle of the rotating polarizing filter 11 disposed on the front face of the transparent **EL** panel 9.

25/3,K/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO

03955195 **Image available**
GRAY SCALE DISPLAY CONTROLLER OF **MONOCHROME** DISPLAY PANEL

PUB. NO.: 04-320295 [JP 4320295 A]
PUBLISHED: November 11, 1992 (19921111)
INVENTOR(s): DAIGO SHIGEO
APPLICANT(s): I DENSHI SOKKI KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-113873 [JP 91113873]
FILED: April 19, 1991 (19910419)
JOURNAL: Section: P, Section No. 1510, Vol. 17, No. 153, Pg. 31, March 25, 1993 (19930325)

GRAY SCALE DISPLAY CONTROLLER OF **MONOCHROME** DISPLAY PANEL

ABSTRACT

PURPOSE: To make a clear-contrast gradational display by **converting color** image data into gray scale brightness data when **color** video software is monitored on the **monochrome** display panel (plasma, liquid crystal, or **EL** display, etc...

... display panel is provided, address data for accessing the memory is generated according to the **color** image data, and gray scale brightness data stored in the address is read out of...

... stored in a gray scale image memory 14 corresponding to the dot address of the **color** image data; and the data is outputted as a digital **monochrome** video signal and displayed on the display panel 18.

?

27/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015760442 **Image available**

WPI Acc No: 2003-822644/200377

XRPX Acc No: N03-658014

Degradation analysis **method for display device e.g. liquid crystal panel, involves controlling light emission of** red , blue , green **color** pixels , **based on preset light-emission brightness value**

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003280547	A	20031002	JP 200284283	A	20020325	200377 B

Priority Applications (No Type Date): JP 200284283 A 20020325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003280547	A		5	G09F-009/00	

Degradation analysis **method for display device e.g. liquid crystal panel, involves controlling light emission of** red , blue , green **color** pixels , **based on preset light-emission brightness value**

Abstract (Basic):

... The light emission brightness value that is different for **red** , **green** , **blue** , (**RGB**) color **pixels** in a display device, is setup for termination of initial-stage degradation of each color **pixel** . The light emission of each color **pixel** is controlled under varying test conditions, until the setup light emission brightness value is reached.

... For **analyzing** quality of display device such as liquid-crystal panel and **organic electroluminescence** panel...

...property of the display device is grasped easily in a short time, by performing an **efficient** and effective degradation test...

...Title Terms: **ANALYSE** ;

27/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015550840 **Image available**
WPI Acc No: 2003-612995/200358
XRPX Acc No: N03-489112
Organic electroluminescence **display device controls light emission time of light emission** pixel **of** organic electroluminescence **panel, based on signal level of digital/** analog **video signal**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2003228331 A 20030815 JP 200226251 A 20020204 200358 B
KR 2003066439 A 20030809 KR 20036691 A 20030204 200402

Priority Applications (No Type Date): JP 200226251 A 20020204
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2003228331 A 10 G09G-003/30
KR 2003066439 A G09G-003/30

Organic electroluminescence **display device controls light emission time of light emission** pixel **of** organic electroluminescence **panel, based on signal level of digital/** analog **video signal**

Abstract (Basic):
... A **detector** circuit (19) **detects** the signal level of an original digital/ **analog** video signal which actuates light emission **pixel** of the **organic electroluminescence** panel (11). A panel control circuit (15) controls the light emission time of the light emission **pixel** , based on the **detected** signal level of digital/ **analog** video signal.
... An INDEPENDENT CLAIM is also included for **organic electroluminescence** display device control method...

... **Organic electroluminescence** (**EL**) display device...

...Improves contrast of image. The luminous **efficiency** of **RGB** light emitting elements is enhanced by controlling the light emission time of each light emission **pixel** without delay. Reduces power consumption...

...The figure shows the block diagram of the **organic electroluminescence** display device. (Drawing includes non-English language text...

...organic **EL** panel (11...
... **RGB** matrix circuit (12...

... **detector** circuit (19
...Title Terms: **PIXEL** ;

34/3,K/1 (Item 1 from file: 344)
DIALOG(R)File 344:Chinese Patents Abs
(c) 2004 European Patent Office. All rts. reserv.

4009322
HIGH-EFFICIENT ENERGY-SAVING COATING TECHNOLOGY FOR POWDER LAYER

OF
FLUORESCENT LAMP
Patent Assignee: UNIV FUDAN (CN)
Author (Inventor): CAI ZUQUAN (CN); ZHOU TAIMING (CN); JIN FENG (CN); ET AL. (CN)
Patent Family:
CC Number Kind Date
CN 1039323 A 900131 (Basic)
Application Data:
CC Number Kind Date
*CN 89104856 A 890712

34/3,K/2 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05513024 **Image available**
COPYING AND **COLOR** VANISHING COMPOSITE MACHINE

PUB. NO.: 09-127824 [JP 9127824 A]
PUBLISHED: May 16, 1997 (19970516)
INVENTOR(s): YAMANAKA MASANORI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-280814 [JP 95280814]
FILED: October 27, 1995 (19951027)

COPYING AND **COLOR** VANISHING COMPOSITE MACHINE

ABSTRACT

PROBLEM TO BE SOLVED: To **save** the **energy** while shortening the rising time and increasing the fixing and **color** vanishing **efficiency** by controlling **each** operation of a fixing/heating means and a **color** vanishing exposure means, in accordance with temperature **detected** by a temperature **detecting** means...

...SOLUTION: Data **detected** from **each** of the thermistor 4 of a fixing/heating part and the second thermistor 8 of a **color** vanishing part is transmitted to a control part consisting of a microcomputer, etc. The turning on/off of a fixing system IV and a **color** vanishing means V and the operations of an optical system I, an image forming system...

... paper carrying system III are controlled based on the data. Since light radiation by a **color** vanishing lamp 6 is used for auxiliary light radiation for heating, at both times when...

34/3,K/3 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

03805977 **Image available**
METHOD AND DEVICE FOR AUTOMATICALLY REPAIRING COATED STEEL PLATE

PUB. NO.: 04-171077 [JP 4171077 A]

PUBLISHED: June 18, 1992 (19920618)
INVENTOR(s): SAITO HIROKAZU
APPLICANT(s): SUMITOMO METAL IND LTD [000211] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-300690 [JP 90300690]
FILED: November 06, 1990 (19901106)
JOURNAL: Section: C, Section No. 991, Vol. 16, No. 473, Pg. 81, October 02, 1992 (19921002)

ABSTRACT

PURPOSE: To realize **energy saving**, working **efficiency** enhancement, improvement of working environments and elimination of the failure to repair by **detecting** a part where a coat has come off in a transport line after drying, using a **color**, then tracking the **detected** part where a coat has come off, and applying repair coat to the part...

...CONSTITUTION: A position to which a steel plate P has moved is **detected** using steel plate position **detection** sensors 13, 14. Further, a **color** difference on the surface of a steel plate is **detected** by a **color** difference **detection** sensor 15, then a repair coating device 12 is installed at the last stage of the sensor 15. A **detection** signal from **each** sensor 13 to 15 is entered into a processing device consisting of a **color** difference meter 17, a microcomputer 18 and other constituents to interprete the part where a...

...the repair coating device 12, the device 12 is activated and the part is automatically **detected** on-line and can be repaired. Thus, **energy saving**, working **efficiency** enhancement, working environment improvement and elimination of the failure to repair are ensured.

34/3,K/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015499241 **Image available**
WPI Acc No: 2003-561388/200353
XRAM Acc No: C03-151458
XRPX Acc No: N03-446295
Electrophotography method for forming image, involves developing image using black magnetic toner and non-magnetic toner of other color **which contains toner particle and/or inorganic fine powder, with preset circularity**
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002278132 A 20020927 JP 2001321347 A 20011019 200353 B

Priority Applications (No Type Date): JP 20013920 A 20010111
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002278132 A 29 G03G-009/08

... forming image, involves developing image using black magnetic toner and non-magnetic toner of other color **which contains toner particle**

and/or inorganic fine powder, with preset circularity

Abstract (Basic):
... by a cleaning unit (107). A black magnetic toner and non-magnetic toner of other **color** , are used for developing image. The non-magnetic toner is globular and contains toner particle...
... the photoreceptor, is developed by several image development units (104) to accommodate a toner with **different colors** and a toner image is formed. The formed toner image is transferred from the photoreceptor...

...used as a black toner and non-magnetic toner is used as toner of other **color** , for developing the formed image. The non-magnetic toner contains at least toner particle containing binder resin and/or a **coloring** agent, and an inorganic fine powder. The non-magnetic toner has an average circularity of...

...electrical charging surface of the photoreceptor, and the image development unit for developing image with **different color** by using the toner. The image development forms black toner image by using the black magnetic toner, and then forms image of other **color** by using non-magnetic toner. The image forming device has a cleaning unit for removing...

...The digital electrophotographic apparatus performs high-speed monochrome output and high resolution full **color** output. The **efficiency** of collection and recycling of black toner is increased and high quality and stable image output is obtained. Preservation of resources and **energy conservation** , are attained by using the apparatus. The transfer **efficiency** and cleaning property are effectively improved. Degradation of the recycling toner is suppressed, hence recovery...
Technology Focus:
... guiding the removed toner from the magnet material. The apparatus has an original-document ratio **calculation** unit for **calculating** the original-document ratio of the magnetic toner in an image. The separation and recovery unit has a route shut-off valve which switches the route freely depending on the **calculation** result of the collection recovery **calculation** unit. Preferred Method: The toner magnetic toner is separated and recovered from the remaining toner...

...for image development. The original-document ratio of the magnetic toner in an image is **calculated** . A collection recovery of the magnetic toner is controlled depending on the **calculation** result.
...Title Terms: **COLOUR** ;

34/3,K/5 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015106570 **Image available**
WPI Acc No: 2003-167089/200316
Related WPI Acc No: 1994-083215; 1997-051905; 1998-130831; 2000-160561; 2000-423227
XRAM Acc No: C03-043271

XRPX Acc No: N03-132137

Novel multivalent, multispecific antibody for detecting **/treating tumors expressing colon specific antigen-p mucin in mammal, comprises antigen and hapten binding sites**

Patent Assignee: IMMUNOMEDICS INC (IMMU-N)

Inventor: GOLDENBERG D M; GRIFFITHS G L; HANSEN H J; LEUNG S; MCBRIDE W J; QU Z

Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200282041	A2	20021017	WO 2002US10235	A	20020403	200316 B
EP 1372718	A2	20040102	EP 2002725464	A	20020403	200409
			WO 2002US10235	A	20020403	
AU 2002256025	A1	20021021	AU 2002256025	A	20020403	200433

Priority Applications (No Type Date): US 2001823746 A 20010403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200282041	A2	E	202	G01N-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1372718 A2 E A61K-039/395 Based on patent WO 200282041

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

AU 2002256025 A1 G01N-000/00 Based on patent WO 200282041

Novel multivalent, multispecific antibody for detecting **/treating tumors expressing colon specific antigen-p mucin in mammal, comprises antigen and hapten binding...**

Abstract (Basic):

... 2) a complementarity **determining** region (CDR)-grafted humanized heavy or light chain (HC or LC) comprising CDRs of a...

...4) a diagnostic/ **detection** or therapeutic immunoconjugate (IV) comprising (I), (II) and (III), where the antibody component is bound to at least one diagnostic/ **detection** agent or at least one therapeutic agent...

...10) diagnosing or **detecting** (M2) a malignancy in a subject by performing an in vitro diagnosis assay on a...4 weeks after the last therapy infusion, but recuperated at the 8-week post-therapy **evaluation** . The computed tomography findings at 3 months post-therapy revealed a 40% shrinkage of the...

...I) is useful for screening a targetable conjugate. (IV) is useful for **detecting** close-range lesion. (I) and (IV) are useful for delivering a diagnostic/ **detection** or therapeutic agent, or their combination, to a target. (I), (II) and (III) are useful...

...a subject. (III), (IV) and fragments of (I) and (II) are useful for

diagnosing or **detecting** malignancy in a subject. (I) and (VIII) are useful for **detecting** or treating tumors expressing CSAp in a mammal, for imaging malignant tissue or normal tissue...

...I) and (VIII) are also useful for intravascular identification of diseased tissues expressing CSAp, for **detecting** lesions during an endoscopic, laparoscopic, intravascular catheter or surgical procedure, and for **detecting** and treating target cells, tissues or pathogens in a mammal. M2 is useful for diagnosing or **detecting** a malignancy in a subject, where the malignancy is carcinoma, gastrointestinal cancer, **colorectal** or pancreatic cancer or ovarian cancer, the subject is human or a domestic pet (all...

Technology Focus:

... Preferred Immunoconjugate: In (IV), the diagnostic/ **detection** agent comprises at least one photoactive diagnostic/ **detection** agent, comprising a chromagen or dye. The diagnostic/ **detection** agent is a radionuclide with an energy between 20 and 2000 keV and is a...

...cytokine, hormone, hormone antagonist, enzyme, enzyme inhibitor, photoactive therapeutic agent, cytotoxic drug, toxin, angiogenesis inhibitor, **different** antibody or their combination. The cytotoxic agent is a drug or a toxin. The drug...

...antibiotic agents or their combination, nitrogen mustard, ethylenimine derivative, alkyl sulfonate, nitrosourea, triazene, folic acid **analog** , anthracyclines, taxane, COX-2 inhibitor, pyrimidine **analog** , purine **analog** , antibiotic, enzyme, epipodophyllotoxin, platinum coordination complex, vinca alkaloid, substituted urea, methyl hydrazine derivative, adrenocortical suppressant, hormone antagonist, enzyme inhibitor, endostatin, taxol, camptothecin, doxorubicin, their **analogs** , or their combination. The toxin is a plant, microbial or animal toxins, preferably, ricin, abrin...

...radionuclide has an energy between 20 and 10000 keV. Preferably the Auger emitter has an **energy** of **less** than 1000 keV, beta emitter has an energy between 20 and 5000 keV, alpha emitter...

Extension Abstract:

... purified and cloned into a cloning vector such as the TA cloning vector for sequence **analyses** by the dideoxytermination method. Sequences confirmed to be of immunoglobulin origin was then used to...

...production of cMu-9 mAb by an enzyme linked immunosorbent assay (ELISA) method. A transfection **efficiency** of 1-10x106 cells was desirable. An antibody expression level of 0.10-2.5...

...Title Terms: **DETECT** ;

34/3,K/6 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015051332 **Image available**

WPI Acc No: 2003-111848/200310

XRAM Acc No: C03-028551

XRPX Acc No: N03-089087

Preparation of aqueous deodorant for acidic/basic offensive

smell-substances, comprises mixing aqueous far infrared ray-emitting material of shellfish-shell and minerals, with water, potassium per-sulfate and sodium hypochlorite

Patent Assignee: KIM Y (KIMY-I); HKKOREA CO LTD (HKKO-N); KIM Y G (KIMY-I)
Inventor: KIM Y; KIM Y G
Number of Countries: 101 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200287641	A1	20021107	WO 2002KR793	A	20020429	200310 B
KR 2002083715	A	20021104	KR 200123305	A	20010430	200319
EP 1390083	A1	20040225	EP 2002766692	A	20020429	200415
			WO 2002KR793	A	20020429	
AU 2002307717	A1	20021111	AU 2002307717	A	20020429	200433

Priority Applications (No Type Date): KR 200123305 A 20010430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200287641	A1	E	30	A61L-009/01	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

KR 2002083715	A	A61L-009/01	
EP 1390083	A1 E	A61L-009/01	Based on patent WO 200287641

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

AU 2002307717	A1	A61L-009/01	Based on patent WO 200287641

Abstract (Basic):

... The method provides an aqueous environment-friendly, odorless, **colorless** and nontoxic far infrared ray-emitting liquid material having an excellent emission rate or strength...

...substances, hence it does not cause adverse effects on human body. The material exhibits an **energy saving** effect, and accelerates metabolism of animals and plants, or other biological functions via activation of...

...a bactericide and preservative. The deodorant was subjected to acute toxicity testing and it was **evaluated** that LD50 of the deodorant was 20 ml/kg or above. Specific signs or lesions...

Technology Focus:

... comprises ascorbic acid, refined sugar, germanium dioxide, potassium permanganate, sodium permanganate and/or magnesium sulfate, **each** of which are mixed at the ratio of 0.5-5.

Extension Abstract:

... capability to deodorize acidic and basic offensive-smelling substances. The result showed that the deodorant **efficiently** deodorized acidic offensive-smelling substances such as hydrogen sulfide and methyl mercaptan to 53% and...

34/3,K/7 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014778750
WPI Acc No: 2002-599456/200264
XRAM Acc No: C02-169287
Isolating peptide domains (PD)s, useful for modulating angiogenesis, by utilizing PD display library which may be used in both display mode attached to microorganism surface, and in secretion mode such that PDs are secreted in soluble form
Patent Assignee: GPC BIOTECH INC (GPCB-N)
Inventor: GYURIS J
Number of Countries: 095 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200246213 A2 20020613 WO 2001US51389 A 20011107 200264 B
AU 200241801 A 20020618 AU 200241801 A 20011107 200266

Priority Applications (No Type Date): US 2000246461 P 20001107
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200246213 A2 E 98 C07K-014/00
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200241801 A C07K-014/00 Based on patent WO 200246213

Abstract (Basic):
... iv) **assessing** the ability of the secreted test PDs to regulate a biological process of an EC...

...v) **assessing** the ability of the test PDs capable of regulating a biological process of an EC...

...3) a vector library (IV), where **each** vector comprises (IIIa), and (IV) collectively encodes a variegated population of test PDs...ability of the secreted test peptide domain to inhibit EC proliferation and/or migration is **assessed** and in step (v) the ability of the test peptides capable of inhibiting EC migration...
Technology Focus:
... a bacterial cell-surface display library or a spore display library. The test PDs are **assessed** for their ability to regulate the biological process (e.g., a change in cell proliferation...

...or cell death) of a human EC, preferably capillary EC. Preferably the test PDs are **assessed** for their ability to inhibit cell proliferation and/or migration of an EC. The PD display library includes at **least** 10 to the **power** of 3 **different** test PD which are about 50-300 amino acid residues in length. The test PDs...

...of the cell surface receptor protein, where the expression of the reporter gene provides a **detectable** signal. The reporter gene encodes a gene product that gives rise to a **detectable** signal chosen from

color , fluorescence, luminescence, cell viability relief of a cell nutritional requirement, cell growth, and drug resistance...

...separated by a membrane which is permeable to the test PD. The secretion mode comprises **assessing** the ability of the secreted test PDs to inhibit the biological activity of an exogenously...

...step (iv), the ability of the secreted test PDs to inhibit proliferation of EC is **assessed** , preferably in the presence of an angiogenic amount of an endogenous growth factor. (M1) further...Preferred Vector Library: (IV) collectively encodes 10 to the power of 3 **different** test PDs which are of 50-300 amino acid residues in length.

Extension Abstract:

... vectors pAM7 and pAM9 M13/COS plasmids which were peptide expression plasmids, were used in **each** of these plasmids the peptide domain, flanked by distinct BstX1 sites, is actually a Myc...

...peptide domain insertion site. The normally intracellular p27 was chosen fro this experiment to enable **efficient** Western blot **detection** of the secreted protein in the cell media. 20 micro liters aliquots of media were...

...in the media increased over the time of the experiment for pAM7. No p27 is **detected** with pIC400 negative control. Phagemid particles that display either the Myc epitope-6xHis peptide domain...

...serum albumin (BSA) cells were eluted. The number of phagemids in the elution buffer was **determined** by infecting TG1 cells with aliquots of the eluates and selecting pAM9-myc or pAM9...

34/3,K/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

013698981 **Image available**

WPI Acc No: 2001-183205/200118

XRAM Acc No: C01-054735

XRPX Acc No: N01-130773

Solar energy commutator as heat source, comprises chambers filled with energy-absorbing liquid agent and heat-collecting working agent

Patent Assignee: STOPINSKI E (STOP-I)

Inventor: STOPINSKI E; STOPINSKI R

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200114804	A2	20010301	WO 2000PL55	A	20000818	200118 B
AU 200064848	A	20010319	AU 200064848	A	20000818	200136

Priority Applications (No Type Date): PL 335037 A 19990820

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200114804	A2	E	17	F24J-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200064848 A F24J-000/00 Based on patent WO 200114804

Abstract (Basic):
... A solar **energy** commutator comprises at **least** one panel having at least three plates (2) connected with **each** other. Liquids fill the chambers (3') formed between the plates. One of the liquids is ...
... temperature in a central heating system is lower than that in the commutator, through a **detector** and electro valve...

...The commutator **efficiently** absorbs reflected light, which allows collecting energy even when the sunrays do not fall directly...
Technology Focus:
... The gas is a low-pressure (not lower than 0.5 atm) air or argon. **Each** panel is made of at least 3-layer poly carbon plate or of 2-layer...

...Preferred Properties: The **color** of the energy-absorbing agent is black to induce the deflection of solar energy waves...

...with black, white, or silver light-impermeable material to effect a mirror, which increases the **efficiency** of the commutator...

...Preferred Materials: The solar energy-absorbing liquid is a **colored** cooling agent based on glycol or water. At least one of the poly carbon plates...

34/3,K/9 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013121089
WPI Acc No: 2000-292960/200025
XRAM Acc No: C00-088497
New biologically pure strains of Gliocladium roseum, useful for controlling diseases caused by fungal pathogens in plants e.g. biocontrol agents
Patent Assignee: CANADA MIN AGRICULTURE (MIAC); CANADA DEPT AGRIC & AGRI-FOOD CANADA (MIAC); CANADA MIN AGRIC & AGRI-FOOD CANADA (MIAC)
Inventor: XUE A G
Number of Countries: 089 Number of Patents: 003
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200018241 A1 20000406 WO 99CA899 A 19990929 200025 B
AU 9958453 A 20000417 AU 9958453 A 19990929 200035
US 6495133 B1 20021217 US 98102582 P 19980930 200307
US 99407285 A 19990929

Priority Applications (No Type Date): US 98102582 P 19980930; US 99407285 A 19990929
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes

WO 200018241 A1 E 71 A01N-063/04
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 9958453 A A01N-063/04 Based on patent WO 200018241
US 6495133 B1 C12N-001/00 Provisional application US 98102582

Abstract (Basic):
... Antifungal. Seed borne infection of pathogens was **determined** approximately 3 months after harvest, by sampling 200 seeds of **each** cultivar and plating on potato dextrose agar medium amended with 1 microg/ml streptomycin sulfate...

...preserving the potential viability of the infected seeds and ACM941 had a greater or at **least** equal **power** in reducing the harmful effect of seed borne fungal pathogens on subsequent crops in cereals...

...environmental safety. It also displays improved capabilities and can be propagated in an economic and **efficient** manner. Only a limited quantity of the bioagent is required to achieve the desired effectiveness...
Extension Abstract:
... The Gliocladium roseum ACM941 strain was discovered as a peach **colored** growth of fungal mycelia on the surface of some lesions of a pea leaflet during a laboratory isolation of pathogens that cause ascochyta blight on field pea. The peach **colored** growths appeared on the plant tissue approximately after 2 days under moist chamber laboratory conditions...

...the leaf surface and the lesions did not spread when in the presence of peach **colored** growth. In contrast these lesions absent of the growths coalesced rapidly resulting in abundant sporulations...

34/3,K/10 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012482067
WPI Acc No: 1999-288175/199924
XRAM Acc No: C99-085206
Administering human gamma-inteferon retroviral vector to patients, for inhibition of tumor growth
Patent Assignee: CHIRON CORP (CHIR)
Inventor: ANDO D; FONG T; JOLLY D J; MERRITT J
Number of Countries: 021 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 9920311 A1 19990429 WO 98US22198 A 19981021 199924 B
AU 9911071 A 19990510 AU 9911071 A 19981021 199938

Priority Applications (No Type Date): US 9762914 P 19971021
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 9920311 A1 E A61K-048/00
Designated States (National): AU CA JP
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AU 9911071 A A61K-048/00 Based on patent WO 9920311
Extension Abstract:
... 5a, pBA-5b and pBA-5c. An Xhol-ClaI-hgamma-IFN fragment was ligated into **each** vector...

...such as melanomas, the vector may be directly injected into or around the lesion. At **least** 10 to the **power** 5 CFU of vector particles should be administered, preferably more than 10 to the power...

...through the skin into internal lesions, or by adaptations of bronchoscopy (for lungs), sigmoidoscopy (for **colorectal** or esophageal tumors), intra-arterial or intra-blood vessel catheter (for many types of vascularized...

...carcinoma, or pancreatic carcinoma). The injection can be into or around the tumor lesion. The **efficiency** of induction of a biological response may be measured by CTL assay or by delayed type hypersensitivity (DTH) reactions to the tumor. Efficacy and clinical responses may be **determined** by measuring the tumor burden using X-ray, CT scan, or antibody imaging.

34/3,K/11 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007713865
WPI Acc No: 1988-347797/198849
Related WPI Acc No: 1989-009037; 1990-214695
XRAM Acc No: C88-153716
XRPX Acc No: N88-263552
High contrast low fog silver halide photographic materials - comprise at least one component layer contg. inorganic sulphur
Patent Assignee: KONICA CORP (KONS)
Inventor: KAJIWARA M; MIYOSHI M; OKUMURA M; TANAKA S
Number of Countries: 008 Number of Patents: 020
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 294149	A	19881207	EP 88304943	A	19880531	198849 B
JP 63301038	A	19881208	JP 87135878	A	19870531	198904
JP 63301039	A	19881208	JP 87135879	A	19870531	198904
JP 63311245	A	19881220	JP 87147711	A	19870613	198905
JP 63309944	A	19881219	JP 87144792	A	19870610	198906
JP 63316039	A	19881223	JP 87150216	A	19870618	198906
JP 1029842	A	19890131	JP 87186355	A	19870725	198911
JP 1086135	A	19890330	JP 87149400	A	19870616	198919
US 4863846	A	19890905	US 88209606	A	19880621	198945
US 4914016	A	19900403	US 88199803	A	19880527	199019
EP 297804	B1	19930818	EP 88305823	A	19880627	199333
EP 294149	B1	19930901	EP 88304943	A	19880531	199335
DE 3883609	G	19931007	DE 3883609	A	19880531	199341

EP 88304943 A 19880531
CA 1333344 C 19941206 CA 568081 A 19880530 199504
JP 2517289 B2 19960724 JP 87147711 A 19870613 199634
JP 2517294 B2 19960724 JP 87160548 A 19870627 199634
JP 2517300 B2 19960724 JP 87182018 A 19870721 199634
JP 2517301 B2 19960724 JP 87186355 A 19870725 199634
JP 2535537 B2 19960918 JP 87135878 A 19870531 199642
JP 2535538 B2 19960918 JP 87135879 A 19870531 199642

Priority Applications (No Type Date): JP 87186355 A 19870725; JP 87135878 A 19870531; JP 87135879 A 19870531; JP 87144792 A 19870610; JP 87147711 A 19870613; JP 87149400 A 19870616; JP 87150216 A 19870618; JP 87160548 A 19870627; JP 87182018 A 19870721; JP 87182019 A 19870721
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
EP 294149 A E 106
Designated States (Regional): FR GB IT NL
US 4863846 A 56
EP 297804 B1 E 134 G03C-001/08
Designated States (Regional): DE FR GB IT NL
EP 294149 B1 E 102 G03C-001/06
Designated States (Regional): DE FR GB IT NL
DE 3883609 G G03C-001/06 Based on patent EP 294149
JP 2517289 B2 22 G03C-001/34 Previous Publ. patent JP 63311245
JP 2517294 B2 17 G03C-001/34 Previous Publ. patent JP 2146036
JP 2517300 B2 37 G03C-001/18 Previous Publ. patent JP 1024246
JP 2517301 B2 26 G03C-007/30 Previous Publ. patent JP 1029842
JP 2535537 B2 11 G03C-001/06 Previous Publ. patent JP 63301038
JP 2535538 B2 11 G03C-001/06 Previous Publ. patent JP 63301039
CA 1333344 C G03C-001/06

...Abstract (Basic): characteristics improved stability during prodn., storage and processing, and improved reciprocity failure characteristics. High quality **colour** images can be obtd. in rapid development times (60 sec. or less) without problems of uneven development due to variations in stirring efficeincy in the developer bath in **different** locations on the material surface...
...Abstract (Equivalent): characteristics improved stability during prodn., storage and processing, and improved reciprocity failure characteristics. High quality **colour** images can be obtd. in rapid development times (60 sec. or less) without problems of uneven development due to variations in stirring **efficiency** in the developer bath in **different** locations on the material surface...
...Abstract (Equivalent): an N-heterocyclic cpd. having a solubility with Ag ion of not more than 10 **power** -10. At **least** 1 layer contains S. The S can be present in a (non)light sensitive layer...

...emulsion layers, at least one of which contains a benzothiazole deriv. of formula (I) or **analogous** structures contg. conjugated double bond systems and one or more heterocyclic rings; and also sulphur. In (I), X' are **each** H, halogen, alkyl, alkoxy, aryl or OH; R and R' are **each** alkyl; Z and Z' together denote the rest of a benzo-or naphthothiazole ring; and...

PATENT FILES fulltext

File 348:EUROPEAN PATENTS 1978-2004/Jun W01
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040603,UT=20040527
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	229	(COLOR? OR COLOUR?)(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?)(-3N)DISPLAY?
S2	160053	ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL
S3	66588	PIXEL? OR PEL OR PICTURE()ELEMENT?
S4	12180	RGB OR RED()GREEN()BLUE OR RBG OR RED()BLUE()GREEN
S5	24	(CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?)(3N)S-4(7N)(MONOCHROME? OR MONO()CHROME?)
S6	29868	EFFICIEN?(3N)(COMPAR? OR EVALUAT? OR ASSES? OR DETERMIN? OR CALCULAT? OR DETECT? OR ANAL?)
S7	37	S6(10N)(COLOR? OR COLOUR? OR S4)(5N)(DIFFERENT OR EACH OR -EVERY)
S8	58677	(POWER OR ENERGY)(3N)(CONSERV? OR SAVE OR SAVING OR LESS OR LESSEN OR LEAST)
S9	4	AU=(SIWINSKI, M? OR SIWINSKI M?)
S10	10109	IC=G09G?
S11	0	S1(S)S2(S)S5
S12	23	S4(S)S5
S13	0	S12(S)S6
S14	4	S12 AND S10
S15	4	S9 NOT S14
S16	4	S14 NOT S9
S17	4	S5 AND S10
S18	0	S17 NOT (S9 OR S14)
S19	0	S7(S)S8
S20	34	S6(S)S7
S21	0	S20(S)(S1 OR S2)
S22	0	S20(S)S8
S23	1	S20 AND S10
S24	0	(S1 OR S2)(S)S5
S25	97	(S1 OR S2)(10N)(MONOCHROME? OR MONO()CHROME?)
S26	4	S8(S)S25
S27	4	S26 NOT (S9 OR S14)

15/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01459394
Touch screen display and method of manufacture
Beruhrungsempfindliche Anzeige und Verfahren zu ihrer Herstellung
Ecran tactile et son procede de fabrication
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:
Siwinski, Michael J., c/o Eastman Kodak Company , Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Kilmer, Kathleen, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Feldman, Rodney, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Cropper, Andre D., c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US
LEGAL REPRESENTATIVE:
Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)
PATENT (CC, No, Kind, Date): EP 1248228 A1 021009 (Basic)
APPLICATION (CC, No, Date): EP 2002076195 020327;
PRIORITY (CC, No, Date): US 826194 010404; US 911274 010723
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06K-011/12; G06K-011/14; G06K-011/16
NOTE:
Figure number on first page: 8
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200241 353
SPEC A (English) 200241 4827
Total word count - document A 5180
Total word count - document B 0
Total word count - documents A + B 5180

INVENTOR:
Siwinski, Michael J., c/o Eastman Kodak Company ...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01223030
A printer and method adapted to sense data of a consumable loaded into the printer
Drucker und Verfahren geeignet zum Erfassen von Daten eines in den Drucker geladenen Verbrauchsgegenstandes
Imprimante et methode adaptees pour detecter des donnees d'un consommable charge dans l'imprimante
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)
INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company , Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Robinson, Scott Cleon, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Spurr, Robert Warren, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Tredwell, Timothy John, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US

LEGAL REPRESENTATIVE:
Barker, Brenda et al (79681), Kodak Limited Patent Department Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)
PATENT (CC, No, Kind, Date): EP 1060895 A1 001220 (Basic)
APPLICATION (CC, No, Date): EP 202001 000606;
PRIORITY (CC, No, Date): US 334375 990616
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: B41J-002/175; B41J-029/393
ABSTRACT WORD COUNT: 166
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200051 1823
SPEC A (English) 200051 4492
Total word count - document A 6315
Total word count - document B 0
Total word count - documents A + B 6315

INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company ...

15/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01004148
Printer defining a reduced exterior envelope thereof and method of providing same
Raumsparender Ducker und Verfahren zu seiner Herstellung
Imprimante ayant un encombrement reduit et methode pour sa mise en oeuvre
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)
INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US
LEGAL REPRESENTATIVE:
Lewandowsky, Klaus, Dipl.-Ing. et al (7581), Kodak Aktiengesellschaft, Patentabteilung, 70323 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 904948 A2 990331 (Basic)
EP 904948 A3 000524
APPLICATION (CC, No, Date): EP 98203068 980914;
PRIORITY (CC, No, Date): US 938915 970926
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: B41J-032/00; B41J-031/10
ABSTRACT WORD COUNT: 316
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 9913 562
SPEC A (English) 9913 3395
Total word count - document A 3957
Total word count - document B 0
Total word count - documents A + B 3957

INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company ...

15/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01004147
Dye cartridge adapted to reduce an exterior envelope of a printer and method of providing same
Farbbandkassette zur Reduzierung der Abmessungen eines Druckers und Verfahren zu ihrer Bereitstellung
Cartouche a ruban encreur adapte pour reduir les dimensions externes d'une imprimante et procede de sa preparation
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (applicant designated states:
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company , Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US
LEGAL REPRESENTATIVE:
Lewandowsky, Klaus, Dipl.-Ing. et al (7581), Kodak Aktiengesellschaft, Patentabteilung, 70323 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 904947 A1 990331 (Basic)
APPLICATION (CC, No, Date): EP 98203067 980914;
PRIORITY (CC, No, Date): US 938868 970926
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: B41J-017/32; B41J-031/10;
ABSTRACT WORD COUNT: 325

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 9913 304
SPEC A (English) 9913 3015
Total word count - document A 3319
Total word count - document B 0
Total word count - documents A + B 3319

INVENTOR:
Siwinski, Michael Joseph, Eastman Kodak Company ...
?
16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00489889
Bus architecture for a multimedia system
Busarchitektur fur ein Multimediensystem
Architecture de bus pour un systeme multimedia
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
INVENTOR:
Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida 33414, (US)
Freeman, Bobby Joe, 1381 SW 29th Avenue, Boynton Beach, Florida 33426, (US)
Suarez, Gustave Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428, (US)
Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414 , (US)
LEGAL REPRESENTATIVE:
Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 493881 A2 920708 (Basic)
EP 493881 A3 921230
EP 493881 B1 950920
EP 493881 B2 000426
APPLICATION (CC, No, Date): EP 91310693 911120;
PRIORITY (CC, No, Date): US 625577 901211
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-003/14; **G09G-005/00**
ABSTRACT WORD COUNT: 66
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS B (English) 200017 480
CLAIMS B (German) 200017 499
CLAIMS B (French) 200017 604
SPEC B (English) 200017 12384
Total word count - document A 0
Total word count - document B 13967
Total word count - documents A + B 13967

...INTERNATIONAL PATENT CLASS: **G09G-005/00**

...SPECIFICATION 24.
Also for example, multimedia system 10 may be configured to function using color characterizations **other** than **RGB** . For example, multimedia system 10 may function using a Hue, Saturation, Intensity (HSI)

16/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00489888

Multimedia system
Multimediensystem
Systeme multimedia
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (Proprietor designated states: all)
INVENTOR:
Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida 33414, (US)
Freeman, Bobby Joe, 1381 SW 28th Avenue, Boynton Beach, Florida 33426, (US)
Suarez, Gustave Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428, (US)
Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414 , (US)
LEGAL REPRESENTATIVE:
Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 492795 A2 920701 (Basic)
EP 492795 A3 921230
EP 492795 B1 950920
EP 492795 B2 000426
APPLICATION (CC, No, Date): EP 91310692 911120;
PRIORITY (CC, No, Date): US 625564 901211
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-003/14; **G09G-005/00**
ABSTRACT WORD COUNT: 101
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS B (English) 200017 414
CLAIMS B (German) 200017 408
CLAIMS B (French) 200017 484
SPEC B (English) 200017 12373
Total word count - document A 0
Total word count - document B 13679
Total word count - documents A + B 13679

...INTERNATIONAL PATENT CLASS: **G09G-005/00**

...SPECIFICATION for example, multimedia system 10 may be configured to function using color characterizations other than **RGB** . For example, multimedia system 10 may function using **a** Hue, **Saturation** , Intensity (HSI) characterization of a presentation.

16/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00816903 **Image available**
FLAT-PANEL DISPLAY DRIVING WITH SUB-SAMPLED Y/C COLOR SIGNALS
PILOTAGE D'AFFICHEUR A ECRAN PLAT AVEC SOUS-ECHANTILLONNAGE DES

SIGNAUX
JAUNE ET CYAN
Patent Applicant/Assignee:
INTEL CORPORATION, 2200 Mission College Boulevard, P.O. Box 58119, Santa Clara, CA 95052-8119, US, US (Residence), US (Nationality)
Inventor(s):
WILSON Andrew T, 5737 SW Downsview Court, Portland, OR 97221, US,
Legal Representative:
ALTMILLER John C (et al) (agent), Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200150447 A1 20010712 (WO 0150447)
Application: WO 2000US29060 20001020 (PCT/WO US0029060)
Priority Application: US 99474873 19991229
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4873

Main International Patent Class: **G09G-003/20**
Fulltext Availability:
Detailed Description

Detailed Description
... be adapted to implement a display system according to the invention by providing for the **conversion** from **RGB** data or **monochrome** data to YCbCr data. Furthermore, these **conversions** may be implemented through software by, for example, adapting graphics portions of software applications to...

...conversions. In the embodiment shown in Figure 3, a flat-panel display controller 51 converts **RGB** data to YCbC, data. The flat panel display controller 51 includes circuitry for converting the **RGB** data output by the graphics software 60 into YCbCr datalthat can be-.used by the...

16/3,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00263818
APPARATUS AND METHOD FOR ENHANCING COLOR IMAGES
APPAREIL ET PROCEDE D'AMELIORATION D'IMAGES EN COULEURS
Patent Applicant/Assignee:
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD,
ZEEVI Yehoshua Y,
Inventor(s):
ZEEVI Yehoshua Y,
GINOSAR Ran,

STUART Wolf,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9411987 A1 19940526
Application: WO 93US11146 19931116 (PCT/WO US9311146)
Priority Application: IL 103763 19921116
Designated States: AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL RO RU SD SK UA AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 30794

...International Patent Class: **G09G-01:28**
Fulltext Availability:
Detailed Description

Detailed Description
... Another use of HSI space for colour enhancement has been presented by Bockstein [15].

Since **monochrome** histogram **modification** techniques cannot be applied to each of the **RGB** planes separately without unacceptably changing the colour balance, he proposed applying histogram equalization to the...
?
23/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00285298
Image display apparatus.
Bildanzeigegerat.
Appareil d'affichage d'images.
PATENT ASSIGNEE:
NAMCO, LTD., (307000), 8-5, Tamagawa 2-chome, Ohta-Ku Tokyo 146, (JP),
(applicant designated states: DE;ES;FR;GB;IT)
INVENTOR:
Ogawa, Toru, 2-35-17, Matsushima, Edogawa-ku Tokyo, (JP)
LEGAL REPRESENTATIVE:
Weber, Otto Ernst, Dipl.-Phys. et al (12732), Weber & Heim
Hofbrunnstrasse 36, W-8000 Munchen 71, (DE)
PATENT (CC, No, Kind, Date): EP 277657 A2 880810 (Basic)
EP 277657 A3 900516
EP 277657 B1 930721
APPLICATION (CC, No, Date): EP 88101621 880204;
PRIORITY (CC, No, Date): JP 8725672 870205
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G09G-001/28** ; **G09G-001/16**
ABSTRACT WORD COUNT: 74
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS B (English) EPBBF1 1565
CLAIMS B (German) EPBBF1 1405
CLAIMS B (French) EPBBF1 1936
SPEC B (English) EPBBF1 7155
Total word count - document A 0
Total word count - document B 12061

Total word count - documents A + B 12061

INTERNATIONAL PATENT CLASS: **G09G-001/28** ...

... **G09G-001/16**

...SPECIFICATION the space which the character generators 10 occupy in the apparatus becomes comparatively large, resulting **in** large restriction in **efficient** arrangement of circuitry.

(D) 8-bit **color** information for **each** dot is **output** from the respective picture formation circuits 500-0, 500-1, 500-2, ... of the conventional...

?

27/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00764352

A method of fabricating a TFT-EL pixel

Verfahren zur Herstellung eines TFT-EL Pixels

Methode de fabrication d'un TFT-EL pixel

PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Proprietor designated states: all)
INVENTOR:
Tang, Ching Wan, c/o Eastman Kodak Co., Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Hseih, Biay Cheng, c/o Eastman Kodak Co., Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
LEGAL REPRESENTATIVE:
Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 717439 A2 960619 (Basic)
EP 717439 A3 990602
EP 717439 B1 030219
APPLICATION (CC, No, Date): EP 95119426 951209;
PRIORITY (CC, No, Date): US 355940 941214
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H01L-027/15; H01L-021/84; H01L-021/98; H01L-029/786; H05B-033/14; C09K-011/06
ABSTRACT WORD COUNT: 69
NOTE:
Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	511
CLAIMS B	(English)	200308	529
CLAIMS B	(German)	200308	520
CLAIMS B	(French)	200308	643
SPEC A	(English)	EPAB96	5212
SPEC B	(English)	200308	5065

Total word count - document A 5724
Total word count - document B 6757
Total word count - documents A + B 12481

...SPECIFICATION two important advantages in terms of power requirements over TFT-LCD panels. First, the TFT- **EL** power need is relatively independent of whether the panel is **monochrome** or multi-color, provided that the color materials have a similar luminescent efficiency. In contrast...

...contrast, the TFT-EL power consumption is highly dependent on this usage factor. The average **power** consumption is much **less** since less than 100% of the EL screen is emitting at any given time in...

...SPECIFICATION two important advantages in terms of power requirements over TFT-LCD panels. First, the TFT- **EL** power need is relatively independent of whether the panel is **monochrome** or multi-color, provided that the color materials have a similar luminescent efficiency. In contrast...

...contrast, the TFT-EL power consumption is highly dependent on this usage factor. The average **power** consumption is much **less** since less than 100% of the EL screen is emitting at any given time in...

27/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00764296
TFT-EL display panel using organic electroluminiscent media
Elektrolumineszente Anzeigetafel mit Dunnfilmtransistoren und organische elektrolumineszente Schichten
Panneau d'affichage electroluminescent utilisant des transistors a couches minces et des films organiques electroluminescents
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Tang, Ching Wan, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
Hseih, Biay Cheng, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)
LEGAL REPRESENTATIVE:
Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 717446 A2 960619 (Basic)
EP 717446 A3 990602
APPLICATION (CC, No, Date): EP 95119100 951205;
PRIORITY (CC, No, Date): US 355742 941214
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H01L-027/15; G09G-003/32;
ABSTRACT WORD COUNT: 107

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) EPAB96 500
SPEC A (English) EPAB96 5283

Total word count - document A 5783
Total word count - document B 0
Total word count - documents A + B 5783

...SPECIFICATION two important advantages in terms of power requirements over TFT-LCD panels. First, the TFT- **EL** power need is relatively independent of whether the panel is **monochrome** or multicolor, provided that the color materials have a similar luminescent efficiency. In contrast, the...

...contrast, the TFT-EL power consumption is highly dependent on this usage factor. The average **power** consumption is much **less** since less than 100% of the EL screen is emitting at any given time in...

27/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00764295
An electroluminescent device having an organic electroluminescent layer
Elektrolumineszente Vorrichtung mit einer organischen elektrolumineszenten Schicht
Dispositif electroluminescent avec une couche organique electroluminescente
PATENT ASSIGNEE:
EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York 14650-2201, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Tang, Ching Wan, c/o Eastman Kodak Co., 343 State Street, Rochester, New York 14650-2201, (US)
Hseih, Biay Cheng, c/o Eastman Kodak Co., 343 State Street, Rochester, New York 14650-2201, (US)
LEGAL REPRESENTATIVE:
Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 717445 A2 960619 (Basic)
EP 717445 A3 990602
APPLICATION (CC, No, Date): EP 95119098 951205;
PRIORITY (CC, No, Date): US 355786 941214
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H01L-027/15; G09G-003/32;
TRANSLATED ABSTRACT WORD COUNT: 77
ABSTRACT WORD COUNT: 79

LANGUAGE (Publication,Procedural,Application): English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) EPAB96 447
SPEC A (English) EPAB96 5257
Total word count - document A 5704
Total word count - document B 0
Total word count - documents A + B 5704

...SPECIFICATION two important advantages in terms of power requirements over TFT-LCD panels. First, the TFT- **EL** power need is relatively independent of whether the panel is **monochrome** or multicolor, provided

that the color materials have a similar luminescent efficiency. In contrast, the...

...contrast, the TFT-EL power consumption is highly dependent on this usage factor. The average **power** consumption is much **less** since less than 100% of the EL screen is emitting at any given time in...

27/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00164699
STEREOLITHOGRAPHIC BEAM PROFILING
PROFILAGE DE FAISCEAU STEREOLITHOGRAPHIQUE
Patent Applicant/Assignee:
3D SYSTEMS INC,
Inventor(s):
SPENCE Stuart Thomas,
TARNOFF Harry,
ALMQUIST Thomas,
Patent and Priority Information (Country, Number, Date):
Patent: WO 8911085 A1 19891116
Application: WO 89US1559 19890417 (PCT/WO US8901559)
Priority Application: US 88830 19880418; US 88816 19881108; US 88837 19881108; US 88907 19881108; US 88801 19881108
Designated States: JP KR
Publication Language: English
Fulltext Word Count: 292227

Fulltext Availability:
Detailed Description
Detailed Description
... the same location. In order to alleviate such drift errors, the present invention utilizes at **least** one sensor means capable of detecting application of the reaction means to the 4.ensor...of the optical surfaces, or when the laser power measured at the resin surface is **less** than the **power** measured at the laser by more than a few milliwatts. If laser power loss is...

BUSINESS FULLTEXT

File 9:Business & Industry(R) Jul/1994-2004/Jun 04
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Jun 07
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Jun 07
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Jun 07
(c) 2004 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2004/Jun 03
(c) 2004 The Gale group
File 75:TGG Management Contents(R) 86-2004/May W5
(c) 2004 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jun 07
(c) 2004 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2004/Jun 04
(c) 2004 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2004/Jun
(c) 2004 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Jun
(c) 2004 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2004/Jun 07
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Jun 07
(c) 2004 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2004/Jun 04
(c) 2004 The Dialog Corp.
File 484:Periodical Abs Plustext 1986-2004/May W5
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Jun
(c) 2004 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2004/Jun 07
(c) 2004 The Gale Group
File 608:KR/T Bus.News. 1992-2004/Jun 07
(c)2004 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2004/Jun 04
(c) 2004 Economist Intelligence Unit
File 613:PR Newswire 1999-2004/Jun 07
(c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jun 03
(c) 2004 The Gale Group
File 623:Business Week 1985-2004/Jun 03
(c) 2004 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2004/Jun 03
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Jun 05
(c) 2004 San Jose Mercury News
File 635:Business Dateline(R) 1985-2004/Jun 05
(c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jun 04
(c) 2004 The Gale Group
File 647:CMP Computer Fulltext 1988-2004/May W4
(c) 2004 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2004/Jun 07
(c) 2004 The Dialog Corp.
File 674:Computer News Fulltext 1989-2004/May W4
(c) 2004 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set Items Description
S1 612 (COLOR? OR COLOUR?)(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?)(-3N)DISPLAY?

S2 893417 ORGANIC(3N)(ELECTROLUMIN? OR ELECTRO()LUMIN?) OR OLED OR EL
S3 179964 PIXEL? OR PEL OR PICTURE()ELEMENT?
S4 38665 RGB OR RED()GREEN()BLUE OR RBG OR RED()BLUE()GREEN
S5 29 (CONVERT? OR CONVERS? OR MODIF? OR ALTER? OR ADJUST?)(3N)S-4(7N)(MONOCHROME? OR MONO()CHROME?)
S6 90587 EFFICIEN?(3N)(COMPAR? OR EVALUAT? OR ASSES? OR DETERMIN? OR CALCULAT? OR DETECT? OR ANAL?)
S7 20 S6(10N)(COLOR? OR COLOUR? OR S4)(5N)(DIFFERENT OR EACH OR -EVERY)
S8 352479 (POWER OR ENERGY)(3N)(CONSERV? OR SAVE OR SAVING OR LESS OR LESSEN OR LEAST)
S9 0 AU=(SIWINSKI, M? OR SIWINSKI M?)
S10 0 S1(S)S2(S)S5
S11 0 (S1 OR S2)(S)S5
S12 0 S5(S)S7
S13 0 S7(S)S8
S14 328 S1(S)S2
S15 30 S14(S)(MONOCHROME? OR MONO()CHROME?)
S16 0 S15(S)S4
S17 0 S15 AND PY=2002:2004
S18 22 RD S15 (unique items)
S19 29 S5 NOT S15
S20 19 RD S19 (unique items)
S21 0 (S1 OR S2)(S)S7

18/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

3203435 Supplier Number: 03203435 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Kodak furthers licensing of OLED technology
(Opsys (UK) is first European licensee of Eastman Kodak Co's organic light-emitting diode technology)
Solid State Technology, v 44, n 7, p 42
July 2001
DOCUMENT TYPE: Journal ISSN: 0038-111X (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 489

TEXT:
...has become the first European licensee of Eastman Kodak Co.'s organic light-emitting diode (**OLED**) technology. The licensing agreement grants nonexclusive rights to Kodak's small-molecule **OLED** technology, including manufacturing processes and device structures for passive **monochrome** and **color displays** .

OLED technology, also referred to as **organic electroluminescence** (OEL), is a self-luminous **display** technology based on thin organic films that emit light when stimulated with an electrical charge...

18/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

1657791 Supplier Number: 01657791
Sharp developing new display
(Sharp Corp has launched its inorganic electroluminescent (EL) display that can exhibit 9 colors)
Nikkei Weekly, v 34, n 1,748, p 10
November 11, 1996
DOCUMENT TYPE: Journal (Japan)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
Sharp Corp has launched its inorganic **electroluminescent (EL) display** that can exhibit 9 **colors** . ELs are made up of a light-emitting material sandwiched between clear dielectric insulating layers...

...company placed color filters of the type used on liquid crystal displays (LCDs) over the **monochrome** device. The display produces red, yellow, green, and back. Sharp's ultimate objective is to develop a full-color **EL** display in 1998. It will commercialize the 9-color display in 1997 for factory and...

18/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04799036 Supplier Number: 47061466 (USE FORMAT 7 FOR FULLTEXT)
PLANAR SYSTEMS ANNOUNCES LAUNCH OF COLORBRITETM FAMILY OF DIFFERENTIATED
COLOR FLAT PANEL DISPLAYS.
Business Wire, p01240136
Jan 24, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 566

... high performance active matrix liquid crystal displays (AMLCDs) as well as a growing number of **electroluminescent (EL)** multicolor **displays** . By introducing the **ColorBrite** (TM) product family, Planar is adding a significant color flat panel display initiative to its already performance leading ICEBrite(TM) **monochrome EL** business.
"The introduction of the ColorBrite(TM) product line is a major milestone that enables...

18/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03093561 Supplier Number: 44215258 (USE FORMAT 7 FOR FULLTEXT)
First Pentium-Based Portables Set For Comdex 11/04/93
Newsbytes, pN/A
Nov 4, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 454

... choice of four flat panel displays: active matrix color TFT (thin film transistor), passive matrix **color** dual -scan STN (SuperTwist Nematic), **monochrome EL (electroluminescent display)**, or **color** touchscreen. The active matrix **display** shows 256 **colors** , from a palette of 185,000 colors, at 640-by-
480 resolution, according to Dolch...

18/3,K/5 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02241247 Supplier Number: 42924591 (USE FORMAT 7 FOR FULLTEXT)
Color EL takes a new tack
Electronic Engineering Times, p31
April 20, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 745

Beaverton, Ore. - Small quantities of **color** TFEL (thin-film **electroluminescent**) **displays** will begin rolling off the production line at Planar Systems Inc. here toward the end of this year. The displays will not be built using either mainstream approach to color **EL** , but a new approach that retains some of the advantages of conventional **monochrome EL** , while it positions the technology for more highly integrated packaging.
"We fell confident we will...

18/3,K/6 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02222175 Supplier Number: 42896992 (USE FORMAT 7 FOR FULLTEXT)
Planar uses a new approach to build an EL color display
Electronic World News, p16
April 6, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 481

Beaverton, Oregon - Small quantities of **color** thin-film **electroluminescent displays** will begin rolling off the production line at Planar Systems Inc. toward the end of...

...displays, however, will not be built using one of the two mainstream approaches to color **EL** . Rather, Planar will use a new approach that will retain some of the major advantages of conventional **monochrome EL** while positioning the technology for more highly integrated packaging in the future.
"We feel confident...

18/3,K/7 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

01897521 Supplier Number: 42414577 (USE FORMAT 7 FOR FULLTEXT)
Mitsubishi Electric to Ship Display Control LSIs
Comline Computers, p7
Oct 2, 1991
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 146

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...PCs and support the "AX-VGA" screen display format. The M64500FP controller can control a **monochrome** LCD, a TFT (thin film transistor) **color** LCD, or an **EL** (**electro - luminescent**) **display** . It can **display** 64 tones on a **monochrome** LCD or 256 (out of 32,768) colors on a TFT color LCD and it...

18/3,K/8 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

01686003 Supplier Number: 42096435 (USE FORMAT 7 FOR FULLTEXT)
New '386SX-Based Single Board Computer for Embedded Control
News Release, p1
May 23, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 419

... systems.

The SBC-SX directly drives CRTs as well as a variety of flat panel **displays** : **electroluminescent** (**EL**), **monochrome** and **color** TFT LCDs,
plasma, and vacuum fluorescent. The video controller is IBM VGA compatible, and downward...

18/3,K/9 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

08980179 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Materials Research Lab to develop OEL displays
TAIWAN ECONOMIC NEWS
January 05, 2000
JOURNAL CODE: WTEN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 389

... of the Industrial Technology Research Institute (ITRI) recently announced that it will develop monochrome and **colored organic electro - luminescent** (OEL) **displays** in 2002.
Lin Hsian-kung, manager of the OEL development team at MRL, said that

...

18/3,K/10 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

08649813 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Luxell Reports Fiscal 1999 Results
CANADIAN CORPORATE NEWS
December 09, 1999
JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 783

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 5, 1999). The new technology is expected make available low-cost, high-contrast monochrome, multi- **colour** and full- **colour** **electroluminescent** **displays** that are fully legible in all light conditions. The new displays will broaden Luxell's...

18/3,K/11 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

08633359 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Luxell Reports Fiscal 1999 Results Revenues Grow By 65%
CANADIAN CORPORATE NEWS
December 08, 1999
JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 821

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 5, 1999). The new technology is expected make available low-cost, high-contrast monochrome, multi- **colour** and full- **colour** **electroluminescent** **displays** that are fully legible in all light conditions. The new displays will broaden Luxell's...

18/3,K/12 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

08271828 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Facility Expansion Positions Luxell Technologies Inc. to Meet Demand for Higher Volume Industrial Applications
CANADIAN CORPORATE NEWS
November 16, 1999
JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 430

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... August 5, 1999). The new technology will make available low-cost,

high-contrast monochrome, multi- **colour** and full- **colour** **electroluminescent** **displays** that are fully legible in all light conditions. The new displays will broaden Luxell's...

18/3,K/13 (Item 1 from file: 80)
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)

01201608 Supplier Number: 41108543
DARPA selections additional high definition display contractors
Department of Defense News Release (titles vary), v90, n11, p1
Jan 8, 1990
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...by the largest CRT. Planar Systems will develop technology to enable the manufacture of full- **color** , flat-panel **displays** based on **electroluminescent** technology. Planar is the largest flat-panel graphics display manufacturer in the US and manufactures the high-resolution **monochrome** **EL** displays presently used by the military in ruggedized communications terminals, submarines and airborne surveillance systems...

18/3,K/14 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text

03528396 H.W. WILSON RECORD NUMBER: BGSI97028396
Stacked organic light-emitting diodes in full color.
Sheats, James R
Science (Science) v. 277 (July 11 '97) p. 191-2
SPECIAL FEATURES: bibl il ISSN: 0036-8075
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

...ABSTRACT: issue of Science, Z. Shen and colleagues outlined a new and promising approach to full- **color** **organic** **electroluminescent** **displays** that could satisfy the need for a new generation of display technology and highlights the...

...that the patterning steps and process-control requirements are essentially the same as for a **monochrome** display.

18/3,K/15 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08010086 SUPPLIER NUMBER: 16861518 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Xerox Parc to make LCDs. (Xerox Palo Alto Research Center to sell active-matrix LCDs to joint-developer Planar Advance)
Lieberman, David
Electronic Engineering Times, n840, p4(1)
March 20, 1995

ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 748 LINE COUNT: 00061

...ABSTRACT: and medical-imaging markets. Planar already has about 15% of the $100 million military/avionics **display** market, supplying it with **monochrome electroluminescent (EL) displays** and, recently, with **color** units. The company will begin delivering Xerox AM-LCD products for the market in 1996...

18/3,K/16 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

04629533 SUPPLIER NUMBER: 08314099 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LCD pioneer and plasma giant get DARPA grants. (Defense Advanced Research Projects Administration grants to Magnascreen Corp. and Planar Systems)
Television Digest, v30, n3, p11(1)
Jan 15, 1990
ISSN: 0497-1515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 646 LINE COUNT: 00054

... develop technology to enable the manufacture of full-color flat-panel displays based on electroluminescent (**EL**) technology." Planar currently makes ruggedized high-resolution **monochrome** displays for military, and is charged with developing phosphors for high-resolution color. Founded in 1983 as spinoff from Tektronix, which still holds equity interest, Planar makes 1-6" **EL** panels as well as **monochrome** displays for work stations and laptop computers. Company's business is 80% commercial and 20...

18/3,K/17 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01608389 SUPPLIER NUMBER: 13982297 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Operator interfaces reap benefits of advanced technology. (Buyers Guide)
Cleaveland, Peter
I&CS (Instrumentation & Control Systems), v66, n5, p29(8)
May, 1993
DOCUMENT TYPE: Buyers Guide ISSN: 0746-2395 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4488 LINE COUNT: 00341

...ABSTRACT: become more advanced, featuring such technologies as color liquid crystal display (LCD), gas plasma, electroluminescent (**EL**), vacuum fluorescent (VF) and advanced **monochrome** . Terminals and monitors are becoming more advanced as well, featuring higher resolutions, VGA and SVGA ...

18/3,K/18 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01193764 Supplier Number: 41119405 (USE FORMAT 7 FOR FULLTEXT)
LCD PIONEER MAGNASCREEN AND PLASMA GIANT PLANAR SYSTEMS GET DARPA GRANTS
Communications Daily, v10, n10, pN/A
Jan 16, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 553

... Planar Systems was chosen by DARPA to "develop technology to enable the manufacture of full- **color** flat-panel **displays** based on **electroluminescent** (**EL**) technology." Planar currently makes ruggedized high-resolution **monochrome** displays for military, and is charged with developing phosphors for high-resolution color. Founded in 1983 as spinoff from Tektronix, which still holds equity interest, Planar makes 1-6" **EL** panels as well as **monochrome** displays for work stations and laptop computers. Company's business is 80% commercial and 20...

18/3,K/19 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

00505373 CMP ACCESSION NUMBER: EWN19920406S1540
EL color display built a new way
DAVID LIEBERMAN
ELECTRONIC WORLD NEWS, 1992, n 058, 16
PUBLICATION DATE: 920406
JOURNAL CODE: EWN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: technology
WORD COUNT: 489

TEXT:
... displays , however, will not be built using one of the two mainstream approaches to color **EL** . Rather, Planar will use a new approach that will retain some of the major advantages of conventional **monochrome EL** while positioning the technology for more highly integrated packaging in the future.

18/3,K/20 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0417138 BW0010

PLANAR SYSTEMS: Planar Systems to acquire Tektronix's Avionics Display business

July 15, 1994

Byline: Business Editors

...businesses."
Planar Systems Inc. is a worldwide leader in the development,

manufacture and marketing of **electroluminescent (EL) monochrome** and **color** flat panel **displays** . The company's products are used in a wide variety of medical, industrial process control...

18/3,K/21 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0410218 BW106

PLANAR SYSTEMS: Planar Systems enters the full color flat panel display market

June 6, 1994

Byline: Business Editors

...circuit.
Planar Systems Inc. is a worldwide leader in the development, manufacture and marketing of **electroluminescent (EL) monochrome** and **color** flat panel **displays** . The company's products are used in a wide variety of medical, industrial process control...

18/3,K/22 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0390673 BW025

PLANAR: Integral Contrast Enhancement technology (ICE) reduces cost and increases performance of Planar EL displays

March 10, 1994

Byline: Business Editors

...year.
Planar Systems Inc. is a worldwide leader in the development, manufacture and marketing of **electroluminescent (EL) monochrome** and **color** flat panel **displays** . The company's products are used in a wide variety of medical, industrial process control...
?
20/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

1313428 Supplier Number: 01313428
Agfa's FotoLook
(Agfa has enhanced its FotoLook scanning software to support editable and downloadable tone curves and also on-the-fly RGB to CMYK conversion)
PrintWeek, p 21
October 20, 1995
DOCUMENT TYPE: Journal (United Kingdom)
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:
...FotoLook scanning software to support editable and downloadable tone curves and also on-the-fly **RGB** to CMYK **conversion** . Version 2.07 'maximises' such features as interactive **monochrome** point settings.
...

20/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

22728228 (USE FORMAT 7 OR 9 FOR FULLTEXT)
MuTech: New software driver launched by MuTech to aid bio medical image analysis
M2 PRESSWIRE
May 10, 2002
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 424

... the driver include a full-size preview window, interlaced/progressive scan, image size and offset **adjustments** , **monochrome** or **RGB** colour, single capture or sequences, channel selection and top/bottom/clamp adjustments.

20/3,K/3 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

04203718 SUPPLIER NUMBER: 16684039 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo CD to CMYK.(image conversion techniques)(Desktop Publishing)(Tutorial)
Lawler, Brian P.
MacUser, v11, n5, p94(3)
May, 1995
DOCUMENT TYPE: Tutorial ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2325 LINE COUNT: 00172

... Color Extreme. Another sophisticated application for managing Photo CD images, Color Extreme can make CMYK, **monochrome** , and **RGB** **conversions** directly from a Photo CD disc, adding color **adjustments** and conversions on the fly. It offers resolution selection, unsharp masking, image rotation, and cropping...

20/3,K/4 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

02746829 SUPPLIER NUMBER: 00659584 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Genoa and Paradise: a Superset of Graphics Standards.
Rosch, W.L.
PC Magazine, v4, n26, p147-149
Dec. 24, 1985

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3038 LINE COUNT: 00232

...ABSTRACT: Board from Genoa Systems, and the Modular Graphics Card (MGC) from Paradise Systems are two **alternative** display adapters that are IBM compatible for **monochrome** and **RGB** color displays. The Genoa Spectrum changes the PC graphics into **monochrome** and simulates the Hercules Graphics Board to achieve high-resolution monochrome displays. Extended text modes...

20/3,K/5 (Item 1 from file: 112)
DIALOG(R)File 112:UBM Industry News

01166571 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Photo-luminescent Liquid Crystal Displays
Electronic Engineering , p 43
April, 1998
LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal
WORD COUNT: 00001281

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...to reach the observer (figure 2). The biggest single light loss is caused by the **RGB** colour filters used to **convert** the **monochrome** display effect to colour. The colour filters transmit less than one quarter of incident light...

20/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

15454016 SUPPLIER NUMBER: 97482584 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Frame grabbers. (Product Feature).(Coreco Imaging equipment details)
Handley, Rich
Advanced Imaging, 18, 1, 35(3)
Jan, 2003
ISSN: 1042-0711 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1791 LINE COUNT: 00148

... can be programmed to handle many types of area scan cameras, a triple-channel AD **converter** accommodating both **RGB** and **monochrome** cameras, three channels at 40 MHz input bandwidth and integrated control for delay frame readout...

20/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07923690 SUPPLIER NUMBER: 17028144 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PhotoFix 1.0. (Microspot USA's image processing software) (Software

Review)(Evaluation)
Long, Ben
MacWEEK, v9, n24, p33(1)
June 12, 1995
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1189 LINE COUNT: 00096

... have no tools (such as Paint Brush or Cloner) to manually touch up the image.

Conversion

You can **convert** images among four color modes: **RGB** , gray-scale, **monochrome** bit maps and indexed color. PhotoFix supports up to 32 levels of Undo.

PhotoFix offers...

20/3,K/8 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06758551 SUPPLIER NUMBER: 14751409 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ResSetter switches video types. (CD Solutions' ResSetter external switch box for changing the resolution and video type using Macintosh built-in video) (Brief Article) (Product Announcement)
MacWEEK, v7, n45, p9(1)
Nov 15, 1993
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 124 LINE COUNT: 00009

... can change among as many as 13 settings, including NTSC Composite, PAL (European), Hi Res **RGB** (**red** , **green** , **blue**) and **monochrome** . Resolution settings are changed by **altering** the position of three toggle switches. This allows a Mac to drive a projector system...

20/3,K/9 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06707758 SUPPLIER NUMBER: 14405890 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Technical advances in pre-press hardware give Macs the edge. (Apple Macintosh microcomputer systems) (MacWEEK Special Report: Pre-press)
Guglielmo, Connie
MacWEEK, v7, n38, p34(3)
Sept 27, 1993
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1530 LINE COUNT: 00121

... the $4,995 board sits within the scanner and provides, among other things, real-time **RGB** (**red** , **green** , **blue**)- to-CMYK (cyan, magenta, yellow black) and **monochrome conversion** .

Not content with introducing new models of its 35mm slide scanners, Leaf Systems Inc. of...

20/3,K/10 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06179511 SUPPLIER NUMBER: 13229832 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ofoto 2.0 to focus on color: update will support Apple matching. (Light Source Inc.'s Ofoto 2.0) (Product Announcement)
MacWEEK, v6, n43, p1(2)
Dec 7, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 526 LINE COUNT: 00043

... version scans and optimizes 24-bit-color images as well as gray-scale photos or **monochrome** line art; it can **convert** an **RGB** (**red** , **green** , **blue**) image to TIFF CMYK (cyan, magenta, yellow, black) separations.
Users can adjust color cast, set...

20/3,K/11 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

06134094 SUPPLIER NUMBER: 12633392 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Caere package eases image editing: Image Assistant links pro, beginner features. (Caere Corp. introduces Image Assistant color image-editing package) (Product Announcement)
Said, Carolyn
MacWEEK, v6, n35, p24(1)
Oct 5, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 346 LINE COUNT: 00027

... and magic-wand tools as well as controls for pressure-sensitive stylus pads. Users can **convert** among and edit in **monochrome** ; gray-scale; **RGB** (**red** , **green** , **blue**); or CMYK (cyan, magenta, yellow, black) modes.
> Automatic scanning controls separate graphics from text; crop...

20/3,K/12 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

03322372 SUPPLIER NUMBER: 05219085 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Picking the right printer interface.
Williams, Randy; Busse, William
Machine Design, v59, p93(4)
Sept 24, 1987
ISSN: 0024-9114 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2066 LINE COUNT: 00166

... FO-CRT) to produce a continuous-tone image on light-sensitive

dry-silver paper. The **red - green - blue** (**RGB**) analog signal must be **converted** to **monochrome** gray scale. The signals for the three colors are sent to a summing amplifier, which...

...a fiber-optic cathode-ray tube to produce continuous-tone images on light-sensitive paper. **Red - green - blue** analog signals are **converted** to **monochrome** gray scale.
Photo: Shinko Data Format
Photo: Seiko Data Format
When a digital interface is...

20/3,K/13 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01562204
PC-Compatible Frame Grabber/Display Controller Supports Interlaced and Noninterlaced Display.
NEWS RELEASE February 2, 1987 p. 1

... allows display of 16.7 million colors. Video capture is available for NTSC (with optional **converter**), RS-170 **RGB** or **monochrome** , and PAL **RGB** or **monochrome** source. Horizontal resolution choices include 768, 640, 512 or 256 and vertical resolution is software...

20/3,K/14 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02080069 SUPPLIER NUMBER: 19573510 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Utilities focus on color calibration. (Binuscan Inc's ColorPro color-calibration, separation software; Southwest Software's Color Encore for Monitors calibration package)(Product Announcement)
Rothenberg, Matthew
MacWEEK, v11, n26, p11(2)
July 7, 1997
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 450 LINE COUNT: 00040

... included with the package. ColorPro 4.0 will also support unlimited two-way color-mode **conversions** between **RGB** , CMYK, **monochrome** and quadtone gray scale.
Upgrades will be available to current owners of the package, although
...

20/3,K/15 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01910792 SUPPLIER NUMBER: 18032590 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Programming Windows 95 with MFC, part VIII: printing and print previewing. (Technology Tutorial)(Tutorial)

Prosise, Jeff
Microsoft Systems Journal, v11, n4, p39(16)
April, 1996
DOCUMENT TYPE: Tutorial ISSN: 0889-9932 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9271 LINE COUNT: 00738

... bPreview is nonzero, and pDC->GetDeviceCaps (NUMCOLORS) returns 2, indicating that the printer is a **monochrome** device.
You can **convert** **RGB** color values into shades of gray with the following formula:
greylevel = (red * 0.30) + (green...

20/3,K/16 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01698979 SUPPLIER NUMBER: 16235074 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Improve your image; professional image-editing software: make the most of your PC's graphics power with these high-end programs. (evaluation of five image processing programs) (Software Review) (Evaluation)
Glinert, Susan
Computer Shopper, v14, n10, p548(7)
Oct, 1994
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4545 LINE COUNT: 00367

... CIE LAB color for printing to PostScript Level 2 devices. You can edit and quickly **convert** among **monochrome** , gray-scale, duotone, **RGB** , and CMYK modes for maximum fidelity to final output. Other printing options include settings for...

20/3,K/17 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01675388 SUPPLIER NUMBER: 15304166 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging services in a multimedia environment. (HP Image Library graphics display and processing technology) (includes related article on HP Image Library's scaling operations)
Munro, Andrew; Shekarabi, Ahmad H.
Hewlett-Packard Journal, v45, n2, p37(7)
April, 1994
ISSN: 0018-1153 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4862 LINE COUNT: 00384

... is a pseudo color (palette) image, area-based dithering is used.
The image is first **converted** to **RGB** and then to palette.
* If the screen is **monochrome** (bitonal), error diffusion is used.
The image is first converted to grayscale, then to bitonal...

20/3,K/18 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

01294513 SUPPLIER NUMBER: 07204180 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Putting pictures in PCs. (video picture capture on microcomputers)
Roberts, Michael
Tech PC User, v1, n8, p38(6)
April, 1989
ISSN: 0954-6995 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5211 LINE COUNT: 00394

...ABSTRACT: more sensitive and have less distortion and grant more efficiency than earlier devices. Signals are **converted** from their three colour (**RGB**) components using analog to digital **converters** . **Monochrome** signals are **converted** into gray levels. The processing technique and devices used in the conversion of these signals...

20/3,K/19 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

05287542 Supplier Number: 85697110 (USE FORMAT 7 FOR FULLTEXT)
New software driver launched by MuTech to aid bio-medical image analysis.
M2 Presswire, pNA
May 10, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 488

... the driver include a full-size preview window, interlaced/progressive scan, image size and offset **adjustments** , **monochrome** or **RGB** colour, single capture or sequences, channel selection and top/bottom/clamp adjustments.
Image-Pro Plus...
?